

[Appropriate Minimal Dose of Gadobutrol for 3D Time-Resolved MRA of the Supra-Aortic Arteries: Comparison with Conventional Single-Phase High-Resolution 3D Contrast-Enhanced MRA.](#)

2017년 5월 8일 월요일, 오전 3:51:01 | Bak SH, Roh HG, Moon WJ, Choi JW, An HS

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Appropriate Minimal Dose of Gadobutrol for 3D Time-Resolved MRA of the Supra-Aortic Arteries: Comparison with Conventional Single-Phase High-Resolution 3D Contrast-Enhanced MRA.

AJNR Am J Neuroradiol. 2017 May 04::

Authors: Bak SH, Roh HG, Moon WJ, Choi JW, An HS

Abstract

BACKGROUND AND PURPOSE: The development of nephrogenic systemic fibrosis and neural tissue deposition is gadolinium dose-dependent. The purpose of this study was to determine the appropriate minimal dose of gadobutrol with time-resolved MRA to assess supra-aortic arterial stenosis with contrast-enhanced MRA as a reference standard.

MATERIALS AND METHODS: Four hundred sixty-two consecutive patients underwent both standard-dose contrast-enhanced MRA and low-dose time-resolved MRA and were classified into 3 groups; group A (a constant dose of 1 mL for time-resolved MRA), group B (2 mL), or group C (3 mL). All studies were independently evaluated by 2 radiologists for image quality by using a 5-point scale (from 0 = failure to 4 = excellent), grading of arterial stenosis (0 = normal, 1 = mild [$<30\%$], 2 = moderate [$30\%-69\%$], 3 = severe to occlusion [$\geq 70\%$]), and signal-to-noise ratio.

RESULTS: The image quality of time-resolved MRA was similar to that of contrast-enhanced MRA in groups B and C, but it was inferior to contrast-enhanced MRA in group A. For the grading of arterial stenosis, there was an excellent correlation between contrast-enhanced MRA and time-resolved MRA ($R = 0.957$ for group A, $R = 0.988$ for group B, $R = 0.991$ for group C). The SNR of time-resolved MRA tended to be lower than that of contrast-enhanced MRA in groups A and B. However, SNR was higher for time-resolved MRA compared with contrast-enhanced MRA in group C.

CONCLUSIONS: Low-dose time-resolved MRA is feasible in the evaluation of supra-aortic stenosis and could be used as an alternative to contrast-enhanced MRA for a diagnostic technique in high-risk populations.

PMID: 28473338 [PubMed - as supplied by publisher]

[Factors associated with stage of change in smoker in relation to smoking cessation based on the Korean National Health and Nutrition Examination Survey II-V.](#)

2017년 5월 6일 토요일, 오전 3:50:52 | Leem AY, Han CH, Ahn CM, Lee SH, Kim JY,

Chun EM, Yoo KH, Jung JY, Korean Smoking Cessation Study Group

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Factors associated with stage of change in smoker in relation to smoking cessation based on the Korean National Health and Nutrition Examination Survey II-V.

PLoS One. 2017;12(5):e0176294

Authors: Leem AY, Han CH, Ahn CM, Lee SH, Kim JY, Chun EM, Yoo KH, Jung JY, Korean Smoking Cessation Study Group

Abstract

Despite a decrease in incidence, smoking remains the most serious public health problem worldwide. Identification of the factors contributing to changes in willingness to quit smoking may aid the development of strategies that encourage smoking cessation. Pooled cross-sectional data from 11,924 smokers from the Korean National Health and Nutrition Examination Survey II-V were analyzed. The stages of change in smoking cessation were categorized as pre-contemplation, contemplation, and preparation. Baseline characteristics, socioeconomic factors, quality of life, psychological status, and smoking-related factors were compared between groups. The smokers were grouped as follows: 32.4% pre-contemplation, 54.4% contemplation, and 13.1% preparation. The proportion of smokers in the pre-contemplation group decreased (from 37.4% to 28.4%) from 2001 to 2012, while the proportion in the preparation group increased (from 6.4% to 18.1%). Compared with the preparation group, after adjusting for confounding factors, the pre-contemplation group was older [≥ 65 years-old; odds ratio (OR) = 1.40], more often single (OR = 1.38), less educated (elementary school or lower; OR = 1.93), less physically active in terms of walking (OR = 1.38) or performing strengthening exercises (OR = 1.61), smoked more heavily (≥ 20 cigarettes per day; OR = 4.75), and had a lower prevalence of chronic disease (OR = 0.76). Moreover, smokers who had never received education on smoking cessation were less willing to quit than those who had (OR = 0.44). In Korean smokers, the stages of change for smoking cessation were associated with age, education, marital status, chronic diseases, physical activity, and participation in smoking cessation programs.

PMID: 28472051 [PubMed - in process]

[Right Hand Weakness and Headache During Ascent to Mount Everest: A Case of Cerebral Venous Infarction.](#)

2017년 5월 6일 토요일, 오전 3:50:52 | Kim JH, Kim SJ, Kim HY

[Related Articles](#)

Right Hand Weakness and Headache During Ascent to Mount Everest: A Case of Cerebral Venous Infarction.

Neurologist. 2017 May;22(3):98-100

Authors: Kim JH, Kim SJ, Kim HY

Abstract

INTRODUCTION: The increasing popularity of trekking in alpine regions has drawn

attention to high altitude-associated health concerns.

CASE REPORT: Here, we report a case of cerebral venous infarction as a consequence of a hypercoagulable state induced by secondary polycythemia as an adaptation to high altitude.

CONCLUSIONS: When patients present focal neurological symptoms such as hemiparesis in addition to symptoms of acute mountain sickness or high-altitude cerebral edema such as headache, nausea, vomiting, and dizziness, cerebral venous infarction should be considered.

PMID: 28471901 [PubMed - in process]

[Diagnostic Performance of Coronary CT Angiography, Stress Dual-Energy CT Perfusion, and Stress Perfusion Single-Photon Emission Computed Tomography for Coronary Artery Disease: Comparison with Combined Invasive Coronary Angiography and Stress Perfusion Cardiac MRI.](#)

2017년 5월 4일 목요일, 오전 3:50:43 | Chung HW, Ko SM, Hwang HK, So Y, Yi JG, Lee EJ



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Diagnostic Performance of Coronary CT Angiography, Stress Dual-Energy CT Perfusion, and Stress Perfusion Single-Photon Emission Computed Tomography for Coronary Artery Disease: Comparison with Combined Invasive Coronary Angiography and Stress Perfusion Cardiac MRI.

Korean J Radiol. 2017 May-Jun;18(3):476-486

Authors: Chung HW, Ko SM, Hwang HK, So Y, Yi JG, Lee EJ

Abstract

OBJECTIVE: To investigate the diagnostic performance of coronary computed tomography angiography (CCTA), stress dual-energy computed tomography perfusion (DE-CTP), stress perfusion single-photon emission computed tomography (SPECT), and the combinations of CCTA with myocardial perfusion imaging (CCTA + DE-CTP and CCTA + SPECT) for identifying coronary artery stenosis that causes myocardial hypoperfusion. Combined invasive coronary angiography (ICA) and stress perfusion cardiac magnetic resonance (SP-CMR) imaging are used as the reference standard.

MATERIALS AND METHODS: We retrospectively reviewed the records of 25 patients with suspected coronary artery disease, who underwent CCTA, DE-CTP, SPECT, SP-CMR, and ICA. The reference standard was defined as $\geq 50\%$ stenosis by ICA, with a corresponding myocardial hypoperfusion on SP-CMR.

RESULTS: For per-vascular territory analysis, the sensitivities of CCTA, DE-CTP, SPECT, CCTA + DE-CTP, and CCTA + SPECT were 96, 96, 68, 93, and 68%,

respectively, and specificities were 72, 75, 89, 85, and 94%, respectively. The areas under the receiver operating characteristic curve (AUCs) were 0.84 ± 0.05 , 0.85 ± 0.05 , 0.79 ± 0.06 , 0.89 ± 0.04 , and 0.81 ± 0.06 , respectively. For per-patient analysis, the sensitivities of CCTA, DE-CTP, SPECT, CCTA + DE-CTP, and CCTA + SPECT were 100, 100, 89, 100, and 83%, respectively; the specificities were 14, 43, 57, 43, and 57%, respectively; and the AUCs were 0.57 ± 0.13 , 0.71 ± 0.11 , 0.73 ± 0.11 , 0.71 ± 0.11 , and 0.70 ± 0.11 , respectively.

CONCLUSION: The combination of CCTA and DE-CTP enhances specificity without a loss of sensitivity for detecting hemodynamically significant coronary artery stenosis, as defined by combined ICA and SP-CMR.

PMID: 28458600 [PubMed - in process]

[Three-Year Retention Rates of Levetiracetam, Topiramate, and Oxcarbazepine: A Retrospective Hospital-Based Study.](#)

2017년 5월 4일 목요일, 오전 3:50:43 | Sunwoo JS, Park BS, Ahn SJ, Hwang S, Park CY, Jun JS, Kim DW, Lee ST, Jung KH, Park KI, Chu K, Jung KY, Lee SK



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Three-Year Retention Rates of Levetiracetam, Topiramate, and Oxcarbazepine: A Retrospective Hospital-Based Study.

Clin Neuropharmacol. 2017 Mar/Apr;40(2):56-62

Authors: Sunwoo JS, Park BS, Ahn SJ, Hwang S, Park CY, Jun JS, Kim DW, Lee ST, Jung KH, Park KI, Chu K, Jung KY, Lee SK

Abstract

OBJECTIVES: We evaluated and compared the 3-year retention rates of levetiracetam (LEV), topiramate (TPM), and oxcarbazepine (OXC) in patients with epilepsy in routine clinical practice.

METHODS: We retrospectively reviewed medical records of patients with epilepsy who were newly prescribed LEV, TPM, or OXC from 2006 to 2010. The retention rates were estimated by the Kaplan-Meier analysis, and independent risk factors for drug discontinuation were analyzed by the Cox regression method.

RESULTS: A total of 588 patients were included: LEV (n = 345), TPM (n = 190), and OXC (n = 53). Among them, 82% had focal epilepsy, whereas 14.8% had generalized epilepsy. The 3-year retention rates for LEV, TPM, and OXC, were 81.2%, 78.3%, and 54.7%, respectively. Levetiracetam and TPM had equivalent retention rates, whereas patients remained on OXC for a significantly shorter amount of time ($P < 0.001$). A lower retention rate for OXC was also evident in the subgroup analysis of focal epilepsy ($P < 0.001$). In generalized epilepsy, LEV and TPM revealed comparable retention rates ($P = 0.255$). The seizure-freedom rate did not differ among groups, whereas the rate of adverse effects leading to drug withdrawal of OXC (87.5%) was higher than that of LEV (34.4%, $P < 0.001$) and TPM (52.5%, $P =$

0.012).

CONCLUSIONS: The current study suggested that LEV and TPM had comparable retention profiles in the long-term treatment for both focal and generalized epilepsy. Meanwhile, OXC therapy seemed to be relatively less useful because of its poor tolerability.

PMID: 28118167 [PubMed - indexed for MEDLINE]

[The Telomerase-Derived Anticancer Peptide Vaccine GV1001 as an Extracellular Heat Shock Protein-Mediated Cell-Penetrating Peptide.](#)

2017년 5월 4일 목요일, 오전 3:50:43 | Kim H, Seo EH, Lee SH, Kim BJ



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The Telomerase-Derived Anticancer Peptide Vaccine GV1001 as an Extracellular Heat Shock Protein-Mediated Cell-Penetrating Peptide.

Int J Mol Sci. 2016 Dec 07;17(12):

Authors: Kim H, Seo EH, Lee SH, Kim BJ

Abstract

Cell-penetrating peptides (CPPs), which can facilitate the transport of molecular cargo across the plasma membrane, have become important tools in promoting the cellular delivery of macromolecules. GV1001, a peptide derived from a reverse-transcriptase subunit of telomerase (hTERT) and developed as a vaccine against various cancers, reportedly has unexpected CPP properties. Unlike typical CPPs, such as the HIV-1 TAT peptide, GV1001 enabled the cytosolic delivery of macromolecules such as proteins, DNA and siRNA via extracellular heat shock protein 90 (eHSP90) and 70 (eHSP70) complexes. The eHSP-GV1001 interaction may have biological effects in addition to its cytosolic delivery function. GV1001 was originally designed as a major histocompatibility complex (MHC) class II-binding cancer epitope, but its CPP properties may contribute to its strong anti-cancer immune response relative to other telomerase peptide-based vaccines. Cell signaling via eHSP-GV1001 binding may lead to unexpected biological effects, such as direct anticancer or antiviral effects. In this review, we focus on the CPP effects of GV1001 bound to eHSP90 and eHSP70.

PMID: 27941629 [PubMed - indexed for MEDLINE]

[Therapeutic Potential of Induced Neural Stem Cells for Parkinson's Disease.](#)

2017년 5월 2일 화요일, 오전 3:51:07 | Choi DH, Kim JH, Kim SM, Kang K, Han DW, Lee J



[Related Articles](#)

Therapeutic Potential of Induced Neural Stem Cells for Parkinson's Disease.

Int J Mol Sci. 2017 Jan 22;18(1):

Authors: Choi DH, Kim JH, Kim SM, Kang K, Han DW, Lee J

Abstract

Parkinson's disease (PD) is a chronic, neurodegenerative disorder that results from the loss of cells in the substantia nigra (SN) which is located in the midbrain. However, no cure is available for PD. Recently, fibroblasts have been directly converted into induced neural stem cells (iNSCs) via the forced expression of specific transcription factors. Therapeutic potential of iNSC in PD has not been investigated yet. Here, we show that iNSCs directly converted from mouse fibroblasts enhanced functional recovery in an animal model of PD. The rotational behavior test was performed to assess recovery. Our results indicate that iNSC transplantation into the striatum of 6-hydroxydopamine (6-OHDA)-injected mice can significantly reduce apomorphine-induced rotational asymmetry. The engrafted iNSCs were able to survive in the striatum and migrated around the medial forebrain bundle and the SN pars compacta. Moreover, iNSCs differentiated into all neuronal lineages. In particular, the transplanted iNSCs that committed to the glial lineage were significantly increased in the striatum of 6-OHDA-injected mice. Engrafted iNSCs differentiated to dopaminergic (DA) neurons and migrated into the SN in the 6-OHDA lesion mice. Therefore, iNSC transplantation serves as a valuable tool to enhance the functional recovery in PD.

PMID: 28117752 [PubMed - indexed for MEDLINE]

[Anatomy of the lateral femoral cutaneous nerve relevant to clinical findings in meralgia paresthetica.](#)

2017년 5월 2일 화요일, 오전 3:51:07 | Lee SH, Shin KJ, Gil YC, Ha TJ, Koh KS, Song WC

[Related Articles](#)

Anatomy of the lateral femoral cutaneous nerve relevant to clinical findings in meralgia paresthetica.

Muscle Nerve. 2017 May;55(5):646-650

Authors: Lee SH, Shin KJ, Gil YC, Ha TJ, Koh KS, Song WC

Abstract

INTRODUCTION: Compression of the lateral femoral cutaneous nerve (LFCN), known as meralgia paresthetica (MP), is common. We investigated the topographic anatomy of the LFCN focusing on the inguinal ligament and adjacent structures.

METHODS: Distances from various bony and soft-tissue landmarks to the LFCN were investigated in 33 formalin-embalmed cadavers.

RESULTS: The mean distance from the anterior superior iliac spine (ASIS) to the LFCN was 8.8 mm. In approximately 90% of cases, the LFCN lay <2 cm from the medial tip of the ASIS, whereas, in 76% of cases, it was <1 cm away. The mean angle between the inguinal ligament and LFCN was 83.3°.

CONCLUSIONS: We determined the variability of the location of the LFCN at the boundary between the pelvic and femoral portions. The reported results will be helpful for diagnosis and treatment of MP. Muscle Nerve 55: 646-650, 2017.

PMID: 27543938 [PubMed - indexed for MEDLINE]

[Histamine and Histamine H4 Receptor Promotes Osteoclastogenesis in Rheumatoid Arthritis.](#)

2017년 4월 30일 일요일, 오전 3:50:57 | Kim KW, Kim BM, Lee KA, Lee SH, Firestein GS, Kim HR



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Histamine and Histamine H4 Receptor Promotes Osteoclastogenesis in Rheumatoid Arthritis.

Sci Rep. 2017 Apr 26;7(1):1197

Authors: Kim KW, Kim BM, Lee KA, Lee SH, Firestein GS, Kim HR

Abstract

Histamine H4 receptor (H4R) has immune-modulatory and chemotactic effects in various immune cells. This study aimed to determine the osteoclastogenic role of H4R in rheumatoid arthritis (RA). The concentration of histamine in synovial fluid (SF) and sera in patients with RA was measured using ELISA. After RA SF and peripheral blood (PB) CD14⁺ monocytes were treated with histamine, IL-17, IL-21 and IL-22, and a H4R antagonist (JNJ7777120), the gene expression H4R and RANKL was determined by real-time PCR. Osteoclastogenesis was assessed by counting TRAP-positive multinucleated cells in PB CD14⁺ monocytes cultured with histamine, Th17 cytokines and JNJ7777120. SF and serum concentration of histamine was higher in RA, compared with osteoarthritis and healthy controls. The expression of H4R was increased in PB monocytes in RA patients. Histamine, IL-6, IL-17, IL-21 and IL-22 induced the expression of H4R in monocytes. Histamine, IL-17, and IL-22 stimulated RANKL expression in RA monocytes and JNJ7777120 reduced the RANKL expression. Histamine and Th17 cytokines induced the osteoclast differentiation from monocytes and JNJ7777120 decreased the osteoclastogenesis. H4R mediates RANKL expression and osteoclast differentiation induced by histamine and Th17 cytokines. The blockage of H4R could be a new therapeutic modality for prevention of bone destruction in RA.

PMID: 28446753 [PubMed - in process]

[Brain Reward Circuits in Morphine Addiction.](#)

2017년 4월 30일 일요일, 오전 3:50:57 | Kim J, Ham S, Hong H, Moon C, Im HI



[Related Articles](#)

Brain Reward Circuits in Morphine Addiction.

Mol Cells. 2016 Sep;39(9):645-53

Authors: Kim J, Ham S, Hong H, Moon C, Im HI

Abstract

Morphine is the most potent analgesic for chronic pain, but its clinical use has been limited by the opiate's innate tendency to produce tolerance, severe withdrawal symptoms and rewarding properties with a high risk of relapse. To understand the addictive properties of morphine, past studies have focused on relevant molecular and cellular changes in the brain, highlighting the functional roles of reward-related brain regions. Given the accumulated findings, a recent, emerging trend in morphine research is that of examining the dynamics of neuronal interactions in brain reward circuits under the influence of morphine action. In this review, we highlight recent findings on the roles of several reward circuits involved in morphine addiction based on pharmacological, molecular and physiological evidences.

PMID: 27506251 [PubMed - indexed for MEDLINE]

[Development of a Test Method for the Evaluation of DNA Damage in Mouse Spermatogonial Stem Cells.](#)

2017년 4월 28일 금요일, 오전 3:50:48 | Jeon HL, Yi JS, Kim TS, Oh Y, Lee HJ, Lee M, Bang JS, Ko K, Ahn IY, Ko K, Kim J, Park HK, Lee JK, Sohn SJ

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Development of a Test Method for the Evaluation of DNA Damage in Mouse Spermatogonial Stem Cells.

Toxicol Res. 2017 Apr;33(2):107-118

Authors: Jeon HL, Yi JS, Kim TS, Oh Y, Lee HJ, Lee M, Bang JS, Ko K, Ahn IY, Ko K, Kim J, Park HK, Lee JK, Sohn SJ

Abstract

Although alternative test methods based on the 3Rs (Replacement, Reduction, Refinement) are being developed to replace animal testing in reproductive and developmental toxicology, they are still in an early stage. Consequently, we aimed to develop alternative test methods in male animals using mouse spermatogonial stem cells (mSSCs). Here, we modified the OECD TG 489 and optimized the in vitro comet assay in our previous study. This study aimed to verify the validity of in vitro tests involving mSSCs by comparing their results with those of in vivo tests using C57BL/6 mice by gavage. We selected hydroxyurea (HU), which is known to chemically induce male reproductive toxicity. The 50% inhibitory concentration (IC50) value of HU was 0.9 mM, as determined by the MTT assay. In the in vitro comet assay, % tail DNA and Olive tail moment (OTM) after HU administration increased significantly, compared to the control. Annexin V, PI staining and TUNEL assays showed that HU caused apoptosis in mSSCs. In order to compare in vitro

tests with in vivo tests, the same substances were administered to male C57BL/6 mice. Reproductive toxicity was observed at 25, 50, 100, and 200 mg/kg/day as measured by clinical measures of reduction in sperm motility and testicular weight. The comet assay, DCFH-DA assay, H&E staining, and TUNEL assay were also performed. The results of the test with C57BL/6 mice were similar to those with mSSCs for HU treatment. Finally, linear regression analysis showed a strong positive correlation between results of in vitro tests and those of in vivo. In conclusion, the present study is the first to demonstrate the effect of HU-induced DNA damage, ROS formation, and apoptosis in mSSCs. Further, the results of the current study suggest that mSSCs could be a useful model to predict male reproductive toxicity.

PMID: 28443181 [PubMed - in process]

[Effect of Rubus Occidentalis Extract on Metabolic Parameters in Subjects with Prediabetes: A Proof-of-concept, Randomized, Double-blind, Placebo-controlled Clinical Trial.](#)

2017년 4월 26일 수요일, 오전 3:50:38 | An JH, Kim DL, Lee TB, Kim KJ, Kim SH, Kim NH, Kim HY, Choi DS, Kim SG



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Effect of Rubus Occidentalis Extract on Metabolic Parameters in Subjects with Prediabetes: A Proof-of-concept, Randomized, Double-blind, Placebo-controlled Clinical Trial.

Phytother Res. 2016 Oct;30(10):1634-1640

Authors: An JH, Kim DL, Lee TB, Kim KJ, Kim SH, Kim NH, Kim HY, Choi DS, Kim SG

Abstract

Rubus occidentalis (RO) has beneficial effects on glucose and lipid profiles in vitro. The aim of the study was to investigate RO extract effect on metabolic parameters in prediabetic patients, adopting a 12-week, randomized, double-blind, placebo-controlled trial. Forty-four patients (age 59.0 ± 8.2 years, 70.5% females, HbA1c $5.8 \pm 0.4\%$) were divided into placebo ($n = 13$), low-dose RO extract (LRE; $n = 14$), or high-dose RO extract (HRE; $n = 17$) groups. Either 900 or 1800 mg per day of RO extract was administered orally. Area under the curve for glucose obtained 2 h after a 75-g oral glucose tolerance test was significantly decreased in the HRE group, compared with the placebo group (-28.1 ± 42.4 vs. $+13.4 \pm 52.6$ mg/dL, $p < 0.05$). Homeostasis model assessment-B was increased ($+17.11 \pm 10.69$, $+5.24 \pm 4.10$, and $+0.86 \pm 6.01$ in HRE, LRE, and placebo, respectively, $p < 0.05$). Serum levels of monocyte chemoattractant protein-1 and oxidized low-density lipoprotein were significantly decreased by treatment in a dose-dependent manner (monocyte chemoattractant protein-1: -35.0 ± 21.2 , $+8.4 \pm 18.1$, and $+24.2 \pm 14.5$; oxidized

low-density lipoprotein: -19.7 ± 8.5 , -13.1 ± 7.2 , and -2.2 ± 11.0 in the HRE, LRE, and placebo, respectively, $p < 0.05$). The results support the beneficial effects of RO extract on the control of glycemia and vascular inflammation in prediabetic patients. (ClinicalTrials.gov: NCT01964703). Copyright © 2016 John Wiley & Sons, Ltd.

PMID: 27279471 [PubMed - indexed for MEDLINE]

[Sudden cardiac death from structural heart diseases in adults: imaging findings with cardiovascular computed tomography and magnetic resonance.](#)

2017년 4월 26일 수요일, 오전 3:50:38 | Kim SS, Ko SM, Choi SI, Choi BH, Stillman AE



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Sudden cardiac death from structural heart diseases in adults: imaging findings with cardiovascular computed tomography and magnetic resonance.

Int J Cardiovasc Imaging. 2016 Jun;32 Suppl 1:21-43

Authors: Kim SS, Ko SM, Choi SI, Choi BH, Stillman AE

Abstract

Sudden cardiac death (SCD) is defined as the unexpected natural death from a cardiac cause within an hour of the onset of symptoms in the absence of any other cause. Although such a rapid course of death is mainly attributed to a cardiac arrhythmia, identification of structural heart disease by cardiovascular computed tomography (CCT) and cardiovascular magnetic resonance (CMR) imaging is important to predict the long-term risk of SCD. In adults, SCD most commonly results from coronary artery diseases, coronary artery anomalies, inherited cardiomyopathies, valvular heart diseases, myocarditis, and aortic dissection with coronary artery involvement or acute aortic regurgitation. This review describes the CCT and CMR findings of structural heart diseases related to SCD, which are essential for radiologists to diagnose or predict.

PMID: 27139460 [PubMed - indexed for MEDLINE]

[The gene copy number of c-MET has a significant impact on progression-free survival](#)

[in Korean patients with ovarian carcinoma.](#)

2017년 4월 24일 월요일, 오전 3:50:30 | Kim WY, Shim SH, Jung HY, Dong M, Kim SN, Lee SJ

[Related Articles](#)

The gene copy number of c-MET has a significant impact on progression-free survival in Korean patients with ovarian carcinoma.

Hum Pathol. 2017 Apr 17::

Authors: Kim WY, Shim SH, Jung HY, Dong M, Kim SN, Lee SJ

Abstract

The aim of this study was to compare the protein overexpression and gene copy number (GCN) of c-MET in ovarian carcinoma and to assess their prognostic roles in Korean women. MET protein expression and GCN status were determined using immunohistochemistry (IHC) and silver in situ hybridization (SISH), respectively, in 105 ovarian carcinomas comprising 63 serous, 12 mucinous, 20 clear cell, and 10 endometrioid carcinomas. All cases had been treated and followed up at a single institute in Seoul, Korea. MET protein overexpression was observed in 35 of 105 (33.3%) ovarian carcinomas, with IHC 2+ in 27 and IHC 3+ in 8. The overexpression rates of serous, mucinous, clear cell, and endometrioid carcinomas were 14.3%, 83.3%, 65.0%, and 30.0%, respectively. MET protein overexpression was significant in mucinous carcinoma ($P < 0.001$) and was correlated with better progression-free survival (PFS) ($P = 0.028$). High polysomy (HP) of chromosome 7 and gene amplification (GA) were found in 10 (9.5%) and 2 (1.9%) of the 105 ovarian carcinomas, respectively. Eleven of 12 cases were high-grade serous carcinomas. The remaining case was clear cell carcinoma. HP and GA were associated with a poor PFS ($P = 0.001$). There was no significant correlation between a high level of protein expression and increased GCN of MET ($r = -0.127$; $P = 0.197$). In Korean women, HP and GA of MET were significantly correlated with a poor PFS. MET GCN may serve as a biomarker for poor prognosis in patients with ovarian carcinoma.

PMID: 28428108 [PubMed - as supplied by publisher]

[Molecular Testing of Lung Cancers.](#)

2017년 4월 24일 월요일, 오전 3:50:30 | Shim HS, Choi YL, Kim L, Chang S, Kim WS, Roh MS, Kim TJ, Ha SY, Chung JH, Jang SJ, Lee GK, Korean Cardiopulmonary Pathology Study Group, Korean Molecular Pathology Study Group

[Related Articles](#)

Molecular Testing of Lung Cancers.

J Pathol Transl Med. 2017 Apr 21::

Authors: Shim HS, Choi YL, Kim L, Chang S, Kim WS, Roh MS, Kim TJ, Ha SY,

Chung JH, Jang SJ, Lee GK, Korean Cardiopulmonary Pathology Study Group, Korean Molecular Pathology Study Group

Abstract

Targeted therapies guided by molecular diagnostics have become a standard treatment of lung cancer. Epidermal growth factor receptor (EGFR) mutations and anaplastic lymphoma kinase (ALK) rearrangements are currently used as the best predictive biomarkers for EGFR tyrosine kinase inhibitors and ALK inhibitors, respectively. Besides EGFR and ALK, the list of druggable genetic alterations has been growing, including ROS1 rearrangements, RET rearrangements, and MET alterations. In this situation, pathologists should carefully manage clinical samples for molecular testing and should do their best to quickly and accurately identify patients who will benefit from precision therapeutics. Here, we grouped molecular biomarkers of lung cancers into three categories—mutations, gene rearrangements, and amplifications—and propose expanded guidelines on molecular testing of lung cancers.

PMID: 28427247 [PubMed - as supplied by publisher]

[Prolonged Wallerian degeneration in the corticospinal tract following external capsular hemorrhage.](#)

2017년 4월 22일 토요일, 오전 3:50:53 | Kim HJ, Moon WJ



[Related Articles](#)

Prolonged Wallerian degeneration in the corticospinal tract following external capsular hemorrhage.

J Neurol Sci. 2016 Jun 15;365:154-5

Authors: Kim HJ, Moon WJ

PMID: 27206896 [PubMed - indexed for MEDLINE]

[Diagnostic Limitation of Fine-Needle Aspiration \(FNA\) on Indeterminate Thyroid Nodules Can Be Partially Overcome by Preoperative Molecular Analysis: Assessment of RET/PTC1 Rearrangement in BRAF and RAS Wild-Type Routine Air-Dried FNA](#)

Specimens.

2017년 4월 20일 목요일, 오전 3:50:44 | Ko YS, Hwang TS, Kim JY, Choi YL, Lee SE, Han HS, Kim WS, Kim SK, Park KS

Diagnostic Limitation of Fine-Needle Aspiration (FNA) on Indeterminate Thyroid Nodules Can Be Partially Overcome by Preoperative Molecular Analysis: Assessment of RET/PTC1 Rearrangement in BRAF and RAS Wild-Type Routine Air-Dried FNA Specimens.

Int J Mol Sci. 2017 Apr 12;18(4):

Authors: Ko YS, Hwang TS, Kim JY, Choi YL, Lee SE, Han HS, Kim WS, Kim SK, Park KS

Abstract

Molecular markers are helpful diagnostic tools, particularly for cytologically indeterminate thyroid nodules. Preoperative RET/PTC1 rearrangement analysis in BRAF and RAS wild-type indeterminate thyroid nodules would permit the formulation of an unambiguous surgical plan. Cycle threshold values according to the cell count for detection of the RET/PTC1 rearrangement by real-time reverse transcription-polymerase chain reaction (RT-PCR) using fresh and routine air-dried TPC1 cells were evaluated. The correlation of RET/PTC1 rearrangement between fine-needle aspiration (FNA) and paired formalin-fixed paraffin-embedded (FFPE) specimens was analyzed. RET/PTC1 rearrangements of 76 resected BRAF and RAS wild-type classical PTCs were also analyzed. Results of RT-PCR and the Nanostring were compared. When 100 fresh and air-dried TPC1 cells were used, expression of RET/PTC1 rearrangement was detectable after 35 and 33 PCR cycles, respectively. The results of RET/PTC1 rearrangement in 10 FNA and paired FFPE papillary thyroid carcinoma (PTC) specimens showed complete correlation. Twenty-nine (38.2%) of 76 BRAF and RAS wild-type classical PTCs had RET/PTC1 rearrangement. Comparison of RET/PTC1 rearrangement analysis between RT-PCR and the Nanostring showed moderate agreement with a κ value of 0.56 ($p = 0.002$). The RET/PTC1 rearrangement analysis by RT-PCR using routine air-dried FNA specimen was confirmed to be technically applicable. A significant proportion (38.2%) of the BRAF and RAS wild-type PTCs harbored RET/PTC1 rearrangements.

PMID: 28417935 [PubMed - in process]

Local Excision for the Treatment of Penile Verrucous Carcinoma.

2017년 4월 20일 목요일, 오전 3:50:44 | Jo DI, Choi SK, Kim SH, Kim CK, Chung H, Kim HS

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Local Excision for the Treatment of Penile Verrucous Carcinoma.

Urol Case Rep. 2017 Jul;13:16-18

Authors: Jo DI, Choi SK, Kim SH, Kim CK, Chung H, Kim HS

Abstract

Penile verrucous carcinoma is known for its favorable biologic behavior and lack of metastatic potential. For preservation of function, treatment has been focused on partial penectomy. Despite partial penectomy for preservation of minimal functional and aesthetic aspects, patients have experienced psychosexual problems. A 73-year-old man had a cauliflower-like verrucous carcinoma on the penile glans and coronary sulcus diagnosed by using excisional biopsy. He underwent degloving excision to save the penile shaft and glans penis. Surgical margin was 3 mm. He had been tumor-free at the 2-year follow-up. For maximum preservation of the functional and aesthetic aspects, we recommend degloving excision.

PMID: 28417078 [PubMed - in process]

[The Case of Huge Pure Lipoma of the Spermatic Cord Misdiagnosed as Inguinal Hernia.](#)

2017년 4월 20일 목요일, 오전 3:50:44 | Jo DI, Choi SK, Kim SH, Kim CK, Chung H, Kim HS

[Related Articles](#)

The Case of Huge Pure Lipoma of the Spermatic Cord Misdiagnosed as Inguinal Hernia.

Urol Case Rep. 2017 Jul;13:10-12

Authors: Jo DI, Choi SK, Kim SH, Kim CK, Chung H, Kim HS

Abstract

Clinically, pure spermatic-cord lipoma has not been recognized as a disease entity but regarded as an incidental finding at the time of hernia repair, because it presents groin symptoms and clinical findings indistinguishable from those of inguinal hernia. We report the successful treatment of case of huge pure spermatic-cord lipoma originally misdiagnosed as inguinal hernia. The patients had tumor excision without orchiectomy. Symptoms improved without any complication. In patients with inguinal hernia symptoms, pure spermatic-cord lipoma should be recognized as a significant clinical entity, and differential diagnosis should be achieved using ultrasonography and computed tomography to avoid unnecessary hernia repair.

PMID: 28417076 [PubMed - in process]

Three-dimensional and topographic relationships between the orbital margins with reference to assessment of eyeball protrusion.

2017년 4월 20일 목요일, 오전 3:50:44 | Shin KJ, Lee SH, Koh KS, Song WC

[Related Articles](#)

Three-dimensional and topographic relationships between the orbital margins with reference to assessment of eyeball protrusion.

Anat Cell Biol. 2017 Mar;50(1):41-47

Authors: Shin KJ, Lee SH, Koh KS, Song WC

Abstract

This study investigated the topographic relationships among the eyeball and four orbital margins with the aim of identifying the correlation between orbital geometry and eyeball protrusion in Koreans. Three-dimensional (3D) volume rendering of the face was performed using serial computed-tomography images of 141 Koreans, and several landmarks on the bony orbit and the cornea were directly marked on the 3D volumes. The anterior-posterior distances from the apex of the cornea to each orbital margin and between the orbital margins were measured in both eyes. The distances from the apex of the cornea to the superior, medial, inferior, and lateral orbital margins were 5.8, 5.8, 12.0, and 17.9 mm, respectively. Differences between sides were observed in all of the orbital margins, and the distances from the apex of the cornea to the superior and inferior orbital margins were significantly greater in females than in males. The anterior-posterior distance between the superior and inferior orbital margins did not differ significantly between males (6.3 mm) and females (6.2 mm). The data obtained in this study will be useful when developing practical guidelines applicable to forensic facial reconstruction and orbitofacial surgeries.

PMID: 28417054 [PubMed]

Sufficient explanation of management affects patient satisfaction and the practice of post-treatment management in spinal pain, a multicenter study of 1007 patients.

2017년 4월 20일 목요일, 오전 3:50:44 | Kim JY, Shim JH, Hong SJ, Yang JY, Choi HR, Lim YH, Moon HS, Lee J, Kim JH

[Related Articles](#)

Sufficient explanation of management affects patient satisfaction and the practice of post-treatment management in spinal pain, a multicenter study of 1007 patients.

Korean J Pain. 2017 Apr;30(2):116-125

Authors: Kim JY, Shim JH, Hong SJ, Yang JY, Choi HR, Lim YH, Moon HS, Lee J, Kim JH

Abstract

BACKGROUND: Spinal pain is most common symptom in pain clinic. In most cases, before the treatment of spinal pain, physician explains the patient's disease and treatment. We investigated patient's satisfaction and physician's explanation related to treatments in spinal pain patients by questionnaires.

METHODS: Anonymous questionnaires about physician's explanation and patient's satisfaction in each treatment and post-treatment management were asked to individuals suffering from spinal pain. Patients who have spinal pain were participated in our survey of nationwide university hospitals in Korea. The relationships between patient's satisfaction and other factors were analyzed.

RESULTS: Between June 2016 and August 2016, 1007 patients in 37 university hospitals completed the questionnaire. In the statistical analysis, patient's satisfaction of treatment increased when pain severity was low or received sufficient preceding explanation about nerve block and medication ($P < 0.01$). Sufficient explanation increased patient's necessity of a post-treatment management and patients' performance rate of post-treatment management ($P < 0.01$).

CONCLUSIONS: These results show that sufficient explanation increased patients' satisfaction after nerve block and medication. Sufficient explanation also increased the practice of patients' post-treatment management.

PMID: 28416995 [PubMed - in process]

[The radiation safety education and the pain physicians' efforts to reduce radiation exposure.](#)

2017년 4월 20일 목요일, 오전 3:50:44 | Kim TH, Hong SW, Woo NS, Kim HK, Kim JH

[Related Articles](#)

The radiation safety education and the pain physicians' efforts to reduce radiation exposure.

Korean J Pain. 2017 Apr;30(2):104-115

Authors: Kim TH, Hong SW, Woo NS, Kim HK, Kim JH

Abstract

BACKGROUND: C-arm fluoroscopy equipment is important for interventional pain management and can cause radiation injury to physicians and patients. We

compared radiation safety education and efforts to reduce the radiation exposure of pain specialists.

METHODS: A survey of 49 pain specialists was conducted anonymously in 2016. The questionnaire had 16 questions. That questionnaire was about radiation safety knowledge and efforts to reduce exposure. We investigated the correlation between radiation safety education and efforts of radiation protection. We compared the results from 2016 and a published survey from 2011.

RESULTS: According to the 2016 survey, all respondents used C-arm fluoroscopy in pain interventions. Nineteen respondents (39%) had received radiation safety education. Physicians had insufficient knowledge about radiation safety. When the radiation safety education group and the non-education group are compared, there was no significant difference in efforts to reduce radiation exposure and radiation safety knowledge. When the 2011 and 2016 surveys were compared, the use of low dose mode ($P = 0.000$) and pulsed mode had increased significantly ($P = 0.001$). The number checking for damage to radiation protective garments ($P = 0.000$) and use of the dosimeter had also increased significantly ($P = 0.009$). But there was no significant difference in other efforts to reduce radiation exposure.

CONCLUSIONS: Pain physicians seem to lack knowledge of radiation safety and the number of physicians receiving radiation safety education is low. According to this study, education does not lead to practice. Therefore, pain physicians should receive regular radiation safety education and the education should be mandatory.

PMID: 28416994 [PubMed - in process]

[Final diagnosis of patients with clinically suspected vestibular neuritis showing normal caloric response.](#)

2017년 4월 20일 목요일, 오전 3:50:44 | Ahn SH, Shin JE, Kim CH

[Related Articles](#)

Final diagnosis of patients with clinically suspected vestibular neuritis showing normal caloric response.

J Clin Neurosci. 2017 Apr 13::

Authors: Ahn SH, Shin JE, Kim CH

Abstract

Vestibular neuritis is one of the most common peripheral causes of acute vestibular syndrome, of which the diagnosis is generally based on a comprehensive interpretation of clinical and laboratory findings following reasonable exclusion of other disorders. This study aimed to investigate the final diagnosis of patients admitted to hospital under the clinical impression of vestibular neuritis who showed no unilateral caloric paresis. Forty-five patients who visited the emergency

department with isolated acute spontaneous vertigo were included. Among them, six patients (13%) developed definitive spontaneous vertigo lasting longer than 20min again after discharge from hospital, accompanied by hearing loss, which was audiometrically documented, leading to a final diagnosis of definite Ménière's disease. Nine patients (20%) revisited our clinic with recurrent episodic vertigo without any documented hearing loss or auditory symptoms such as hearing loss, tinnitus or ear fullness, which led to a final diagnosis of possible Ménière's disease. In four patients (9%), initial spontaneous vertigo and nystagmus changed to positional vertigo and nystagmus on the second hospital day. In 26 patients (58%), neither another episode of vertigo nor auditory symptoms developed during follow-up period (7-92months), a condition to which the authors gave an arbitrary diagnosis of "mild unilateral vestibular deficit". In conclusion, patients admitted to hospital under clinical impression of vestibular neuritis may have various final diagnoses, and "mild unilateral vestibular deficit" was the most common final diagnosis among patients who did not meet the diagnostic criteria of vestibular neuritis.

PMID: 28416082 [PubMed - as supplied by publisher]

[Positional Relationship of Ethmoidal Foramens With Reference to the Nasion and Its Significance in Orbital Surgery.](#)

2017년 4월 20일 목요일, 오전 3:50:44 | Shin KJ, Gil YC, Lee SH, Song WC, Koh KS, Shin HJ



[Related Articles](#)

Positional Relationship of Ethmoidal Foramens With Reference to the Nasion and Its Significance in Orbital Surgery.

J Craniofac Surg. 2016 Oct;27(7):1854-1857

Authors: Shin KJ, Gil YC, Lee SH, Song WC, Koh KS, Shin HJ

Abstract

PURPOSE: The aim of the study was to elucidate the positional relationship of the ethmoidal foramens (EFs) with reference to the nasion to facilitate prediction of the exact location of EFs, the optic canal (OC), and the frontoethmoidal suture (FS), and thereby avoid complications during complex surgery involving the medial wall of the orbit.

MATERIALS AND METHODS: One hundred two intact orbits of 57 embalmed cadavers were dissected in this observational anatomic study. Nasion' (N') was defined as the intersection point of the medial orbit margin with the horizontal line through the nasion, and this was used as a reference point. N'-OC was defined as

the straight line joining N' and OC. The locations of the anterior ethmoidal foramen (AEF), posterior ethmoidal foramen (PEF), and OC were determined with reference to N'. The vertical distances from N'-OC to EFs and to FS were also determined.

RESULTS: The N'-AEF, AEF-PEF, and PEF-OC distances were 18.4, 15.3, and 8.3 mm, respectively. Vertically, AEF and PEF were situated at 0.2 mm below and 0.4 mm above N'-OC, respectively. At the same reference points, N'-OC was situated at 0.4 and 0.6 mm above FS, respectively.

CONCLUSIONS: N', AEF, PEF, and OC were considered to be situated on the same straight line, and N'-OC could be regarded as coinciding with FS. This means that N' is an easily identifiable and reliable landmark for identifying EFs, OC, and FS. Our navigational parameters with reference to N' will help surgeons to enhance the safety of orbital surgery.

PMID: 27513782 [PubMed - indexed for MEDLINE]

[Blind suprascapular and axillary nerve block for post-operative pain in arthroscopic rotator cuff surgery.](#)

2017년 4월 20일 목요일, 오전 3:50:44 | Park JY, Bang JY, Oh KS



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Blind suprascapular and axillary nerve block for post-operative pain in arthroscopic rotator cuff surgery.

Knee Surg Sports Traumatol Arthrosc. 2016 Dec;24(12):3877-3883

Authors: Park JY, Bang JY, Oh KS

Abstract

PURPOSE: The goal of the study was to evaluate the efficacy of additional axillary nerve block (ANB) with suprascapular nerve block (SSNB) and patient-controlled anaesthesia (PCA) with no device assistance after arthroscopic rotator cuff repair. The hypothesis is that patients with intravenous (IV) PCA and the blockade of the two main nerves (SSNB + ANB) experienced lesser pain than patients with IV PCA or IV PCA + SSNB.

METHODS: The 114 patients undergoing arthroscopic rotator cuff repair were allocated randomly to three groups as follows: group I, intravenous PCA pumps (only PCA); group II, IV PCA + SSNB using a blind technique (PCA + SSNB); and group III, IV PCA + SSNB + ANB using a blind technique (PCA + SSNB + ANB). Pain visual analogue scale (VAS) scores were evaluated at 1, 6, 12, 24, 36, and 48 post-operative hours. Furthermore, the degree of pain was compared according to cuff tear size.

RESULTS: The pain VAS score of group III was lower than that of the other two groups and was significantly lower at post-operative hours 1, 6, and 12. In addition, the larger cuff tear tended to be indicative of greater pain. However, all groups experienced rebound pain.

CONCLUSION: PCA + SSNB + ANB using a blind technique is a better pain control method than PCA + SSNB and only PCA during the initial 12 post-operative hours. PCA + SSNB + ANB is a cost-effective, time-saving, and easily performed method for post-operative pain control as an axis of multimodal pain control strategy.

LEVEL OF EVIDENCE: II.

PMID: 26733274 [PubMed - indexed for MEDLINE]

[Advances in endoscopic management of biliary complications after living donor liver transplantation: Comprehensive review of the literature.](#)

2017년 4월 16일 일요일, 오전 3:50:26 | Shin M, Joh JW



[Related Articles](#)

Advances in endoscopic management of biliary complications after living donor liver transplantation: Comprehensive review of the literature.

World J Gastroenterol. 2016 Jul 21;22(27):6173-91

Authors: Shin M, Joh JW

Abstract

Apart from noticeable improvements in surgical techniques and immunosuppressive agents, biliary complications remain the major causes of morbidity and mortality after living donor liver transplantation (LDLT). Bile leakage and stricture are the predominant complications. The reported incidence of biliary complications is 15%-40%, and these are known to occur more frequently in living donors than in deceased donors. Despite the absence of a confirmed therapeutic algorithm, many approaches have been used for treatment, including surgical, endoscopic, and percutaneous transhepatic techniques. In recent years, nonsurgical approaches have largely replaced reoperation. Among these, the endoscopic approach is currently the preferred initial treatment for patients who undergo duct-to-duct biliary reconstruction. Previously, endoscopic management was achieved most optimally through balloon dilatation and single or multiple stents placement. Recently, there have been significant developments in endoscopic devices, such as novel biliary stents, as well as advances in endoscopic technologies, including deep enteroscopy, the rendezvous technique, magnetic compression anastomosis, and

direct cholangioscopy. These developments have resulted in almost all patients being managed by the endoscopic approach. Multiple recent publications suggest superior long-term results, with overall success rates ranging from 58% to 75%. This article summarizes the advances in endoscopic management of patients with biliary complications after LDLT.

PMID: 27468208 [PubMed - indexed for MEDLINE]

[Maximum standardised uptake value of quantitative bone SPECT/CT in patients with medial compartment osteoarthritis of the knee.](#)

2017년 4월 14일 금요일, 오전 3:50:48 | Kim J, Lee HH, Kang Y, Kim TK, Lee SW, So Y, Lee WW

[Related Articles](#)

Maximum standardised uptake value of quantitative bone SPECT/CT in patients with medial compartment osteoarthritis of the knee.

Clin Radiol. 2017 Apr 08::

Authors: Kim J, Lee HH, Kang Y, Kim TK, Lee SW, So Y, Lee WW

Abstract

AIM: To evaluate the correlation between the maximum standardised uptake value (SUVmax) from bone single-photon-emission computed tomography/computed tomography (SPECT/CT) and other imaging parameters for medial compartment osteoarthritis (OA) of the knee.

MATERIALS AND METHODS: Patients (n=26; male:female=2:24; age, 55.3±5.8 years) underwent quantitative knee SPECT/CT using technetium-99m (Tc-99m) hydroxymethylene diphosphonate (HDP) before surgical operation for medial OA of the knee. SUVmax was calculated using dedicated quantitative software. Visual grades of tracer uptake on bone SPECT/CT and Kellgren-Lawrence (KL) OA scores on plain radiographs were assessed using a five-point scale. Magnetic resonance imaging (MRI) scores (n=22) and patient symptom scores were also assessed.

RESULTS: The operated knees (n=34) had a greater SUVmax than the non-operated knees (n=18) in the medial compartment (14.1±6.1 versus 5.3±4.4, p<0.0001). In the medial compartment, the SUVmax was significantly correlated with SPECT/CT visual grades (rho=0.794, p<0.0001), KL scores (rho=0.703, p<0.0001), and MRI scores (rho=0.714-0.808, p≤0.0002); however, SUVmax and other imaging parameters were not correlated with patient symptom scores (p>0.05).

CONCLUSIONS: The SUVmax of quantitative bone SPECT/CT was highly correlated

with traditional imaging parameters for medial compartment OA severity of the knee. Quantitative bone SPECT/CT is a promising imaging technique for the objective assessment of knee OA.

PMID: 28400059 [PubMed - as supplied by publisher]

[Treatment of periorbital wrinkles using multipolar fractional radiofrequency in Korean patients.](#)

2017년 4월 14일 금요일, 오전 3:50:48 | Roh NK, Yoon YM, Lee YW, Choe YB, Ahn KJ



[Related Articles](#)

Treatment of periorbital wrinkles using multipolar fractional radiofrequency in Korean patients.

Lasers Med Sci. 2017 Jan;32(1):61-66

Authors: Roh NK, Yoon YM, Lee YW, Choe YB, Ahn KJ

Abstract

A limited number of studies have evaluated the efficacy and safety of electrode pin fractional radiofrequency (FRF) for periorbital wrinkle treatment in Asian patients, but none have measured noninvasive methodological objective parameters such as periorbital wrinkle area. This study aimed to investigate the efficacy and safety of electrode pin multipolar FRF for the improvement of periorbital wrinkles in Korean patients by using a noninvasive methodological objective parameter. Seventy female subjects with periorbital wrinkles (age range, 40-60 years) participated in this study. Each patient underwent three sessions of FRF treatment to the periorbital region separated by 2-week intervals. The area of periorbital wrinkles was analyzed by using a Robo Skin Analyzer CS50 at 4 weeks after the final treatment session. Periorbital wrinkle area was significantly decreased at 1-month follow-up (75.77 ± 29.46 mm²) compared to baseline (94.74 ± 31.62 mm²). The improvement ratio of periorbital wrinkle area was 20.02 %. Side effects were limited to transient mild erythema, swelling, and crusts. Pain was tolerable without local anesthesia. Our findings suggest that the multipolar electrode pin FRF can be an effective and safe method for reducing periorbital wrinkles in Asian patients.

PMID: 27686890 [PubMed - indexed for MEDLINE]

[Histopathological characteristics of interstitial cystitis/bladder pain syndrome without Hunner lesion.](#)

2017년 4월 12일 수요일, 오전 3:50:38 | Kim A, Han JY, Ryu CM, Yu HY, Lee S, Kim Y, Jeong SU, Cho YM, Shin DM, Choo MS

[Related Articles](#)

Histopathological characteristics of interstitial cystitis/bladder pain syndrome without Hunner lesion.

Histopathology. 2017 Apr 10::

Authors: Kim A, Han JY, Ryu CM, Yu HY, Lee S, Kim Y, Jeong SU, Cho YM, Shin DM, Choo MS

Abstract

AIMS: We aimed to assess the distinct histopathological characteristics and their clinical significance between non-Hunner and Hunner interstitial cystitis/bladder pain syndrome(IC/BPS).

METHODS AND RESULTS: We prospectively enrolled and classified IC/BPS patients, based on cystoscopic findings, as non-Hunner type IC and Hunner type IC. Specimens obtained from the posterior wall in non-Hunner type IC cases during hydrodistension or from Hunner /non-Hunner lesions in Hunner type IC cases during transurethral resection were evaluated. Stress urinary incontinence patients with microscopic hematuria were selected as controls. Biopsy specimens were obtained from 15 non-Hunner type IC, 15 Hunner type IC, and 5 non-IC patients. Severe and moderate fibrosis was more frequently observed in non-Hunner than in Hunner type IC and non-IC cases. However, severe and moderate inflammation was more frequently observed in Hunner than in non-Hunner type IC cases. The remnant urothelium was significantly decreased in Hunner than in non-Hunner type IC and non-IC cases ($p<0.05$), and non-Hunner type IC cases exhibited a greater number of mast cells than Hunner type IC and non-IC cases ($p=0.035$). Accordingly, several fibrosis promoting genes were highly expressed in bladder tissues of non-Hunner type IC, compared with Hunner type IC. Patients with severe fibrosis showed a significantly increased urinary frequency and smaller bladder capacity as compared to those with moderate and mild fibrosis (all $p<0.05$).

CONCLUSIONS: Non-Hunner type IC is characterized by severe fibrosis and increased mast cell infiltration, whereas Hunner-type IC is characterized by severe inflammation and urothelial denudation in whole bladder. Fibrosis in the bladder of IC/BPS patients was correlated with increased urinary frequency and decreased bladder capacity. This article is protected by copyright. All rights reserved.

PMID: 28394416 [PubMed - as supplied by publisher]

[Sustained uremic toxin control improves renal and cardiovascular outcomes in patients with advanced renal dysfunction: post-hoc analysis](#)

of the Kremezin Study against renal disease progression in Korea.

2017년 4월 12일 수요일, 오전 3:50:38 | Cha RH, Kang SW, Park CW, Cha DR, Na KY, Kim SG, Yoon SA, Kim S, Han SY, Park JH, Chang JH, Lim CS, Kim YS

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Sustained uremic toxin control improves renal and cardiovascular outcomes in patients with advanced renal dysfunction: post-hoc analysis of the Kremezin Study against renal disease progression in Korea.

Kidney Res Clin Pract. 2017 Mar;36(1):68-78

Authors: Cha RH, Kang SW, Park CW, Cha DR, Na KY, Kim SG, Yoon SA, Kim S, Han SY, Park JH, Chang JH, Lim CS, Kim YS

Abstract

BACKGROUND: We investigated the long-term effect of AST-120, which has been proposed as a therapeutic option against renal disease progression, in patients with advanced chronic kidney disease (CKD).

METHODS: We performed post-hoc analysis with a per-protocol group of the K-STAR study (Kremezin study against renal disease progression in Korea) that randomized participants into an AST-120 and a control arm. Patients in the AST-120 arm were given 6 g of AST-120 in three divided doses, and those in both arms received standard conventional treatment.

RESULTS: The two arms did not differ significantly in the occurrence of composite primary outcomes (log-rank $P = 0.41$). For AST-120 patients with higher compliance, there were fewer composite primary outcomes: intermediate tertile hazard ratio (HR) 0.62, 95% confidence interval (CI) 0.38 to 1.01, $P = 0.05$; highest tertile HR 0.436, 95% CI 0.25 to 0.76, $P = 0.003$. The estimated glomerular filtration rate level was more stable in the AST-120 arm, especially in diabetic patients. At one year, the AST-120-induced decrease in the serum indoxyl sulfate concentration inversely correlated with the occurrence of composite primary outcomes: second tertile HR 1.59, 95% CI 0.82 to 3.07, $P = 0.17$; third tertile HR 2.11, 95% CI 1.07 to 4.17, $P = 0.031$. Furthermore, AST-120 showed a protective effect against the major cardiovascular adverse events (HR 0.51, 95% CI 0.26 to 0.99, $P = 0.046$).

CONCLUSION: Long-term use of AST-120 has potential for renal protection, especially in diabetic patients, as well as cardiovascular benefits. Reduction of the serum indoxyl sulfate level may be used to identify patients who would benefit from AST-120 administration.

PMID: 28392999 [PubMed - in process]

Drug Reaction with Eosinophilia and Systemic

Symptom Syndrome Induced by Lamotrigine.

2017년 4월 12일 수요일, 오전 3:50:38 | Han SH, Hur MS, Youn HJ, Roh NK, Lee YW, Choe YB, Ahn KJ

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Drug Reaction with Eosinophilia and Systemic Symptom Syndrome Induced by Lamotrigine.

Ann Dermatol. 2017 Apr;29(2):206-209

Authors: Han SH, Hur MS, Youn HJ, Roh NK, Lee YW, Choe YB, Ahn KJ

Abstract

Drug reaction with eosinophilia and systemic symptom (DRESS) syndrome is a type of severe adverse drug-induced reaction. Dermatologists should make a quick diagnosis and provide appropriate treatment for DRESS syndrome to reduce mortality rates, which can be as high as 10%. We present the case of a 47-year-old man with schizoaffective disorder treated with lamotrigine who developed DRESS syndrome to emphasize the importance of close observation of patients with drug eruption. He was consulted for erythematous maculopapular rashes on the trunk that developed 3 weeks after starting lamotrigine. A few days later, he developed generalized influenza-like symptoms. The skin rashes spread over his entire body, and the sense of itching was rapidly aggravated within a few days. Increased liver enzyme levels and significant eosinophilia were found on laboratory test results. His condition was diagnosed as DRESS syndrome, and he was treated with systemic and topical corticosteroids for 2 weeks.

PMID: 28392649 [PubMed]

Defining the activities of publicness for Korea's public community hospitals using the Delphi method.

2017년 4월 12일 수요일, 오전 3:50:38 | Lee K, Kim HJ, You M, Lee JS, Eun SJ, Jeong H, Ahn HM, Lee JY



[Related Articles](#)

Defining the activities of publicness for Korea's public community hospitals using the Delphi method.

Medicine (Baltimore). 2017 Mar;96(11):e6402

Authors: Lee K, Kim HJ, You M, Lee JS, Eun SJ, Jeong H, Ahn HM, Lee JY

Abstract

This study aims to identify which activities of a public community hospital (PHC) should be included in their definition of publicness and tries to achieve a

consensus among experts using the Delphi method. We conduct 2 rounds of the Delphi process with 17 panel members using a developed draft of tentative activities for publicness including 5 main categories covering 27 items. The questions remain the same in both rounds and the applicability of each of the 27 items to publicness is measured on a 9-point scale. If the participants believe government funding is needed, we ask how much they think the government should support each item on a 0% to 100% scale. After conducting 2 rounds of the Delphi process, 22 out of the 27 items reached a consensus as activities defining the publicness of the PHCs. Among the 5 major categories, in category C, activities preventing market failure, all 10 items were considered activities of publicness. Nine of these were evaluated as items that should be compensated at 100% of total financial loss by the Korean government. Throughout results, we were able to define the activities of the PCH that encompassed its publicness and confirm that there are "good deficits" in the context of the PCHs. Thus, some PCH deficits are unavoidable and not wasted as these monies support a necessary role and function in providing public health. The Korean government should therefore consider taking actions such as exempting such "good deficits" or providing additional financial aid to reimburse the PHCs for "good deficits."

PMID: 28296785 [PubMed - indexed for MEDLINE]

[The dwell time and survival rates of PICC placement after balloon angioplasty in patient with unexpected central venous obstruction.](#)

2017년 4월 12일 수요일, 오전 3:50:38 | Kim KH, Park SW, Chang IS, Yim Y



[Related Articles](#)

The dwell time and survival rates of PICC placement after balloon angioplasty in patient with unexpected central venous obstruction.

J Vasc Access. 2016 Sep 21;17(5):423-8

Authors: Kim KH, Park SW, Chang IS, Yim Y

Abstract

PURPOSE: To evaluate the dwell time and actual survival rates of peripherally inserted central catheter (PICC) placements after balloon angioplasty in patients with unexpected central venous obstructions.

MATERIALS AND METHODS: Data were obtained on all PICC insertions performed in a tertiary care hospital from August 2008 to December 2013. Thirty-five PICCs attempted after balloon angioplasty in 25 patients (15 male and 10 female patients; mean age, 63 years). Fisher's exact test was used to test for differences in reasons for catheter removal between the groups of patients with stenosis or obstructions.

Survival curves for PICC dwell time of all patients, stenosis group, and obstruction group were generated separately using Kaplan-Meier survival analysis and compared with log-rank tests.

RESULTS: There were a total 21 obstructions and 14 stenoses. The overall technical success rate of PICC placement after balloon angioplasty was 94% (33 of 35 procedures). The PICC dwell time was determined for 27 PICCs and ranged from 4 to 165 days (mean, 39.6 days). Among all PICCs, 16 were removed early, resulting in an actual survival rate of 40.7% (11 of 27 PICCs). There were no significant differences in reasons for catheter removal between the stenosis and obstruction groups ($p = 0.24$). The dwell times for both groups were not significantly different by Kaplan-Meier analysis ($p = 0.54$).

CONCLUSIONS: PICC placement after balloon angioplasty is a good treatment option for patients with unexpected central venous lesions, and offers high technical success rates. The actual survival rate was relatively lower (40.7%) than that from previous studies.

PMID: 27373537 [PubMed - indexed for MEDLINE]

[Impact of effect-site concentration of propofol on cardiac systolic function assessed by tissue Doppler imaging.](#)

2017년 4월 12일 수요일, 오전 3:50:38 | Oh CS, Lee Y, Kang WS, Kim SH

[Related Articles](#)

Impact of effect-site concentration of propofol on cardiac systolic function assessed by tissue Doppler imaging.

J Int Med Res. 2016 Jun;44(3):453-61

Authors: Oh CS, Lee Y, Kang WS, Kim SH

Abstract

OBJECTIVE: To evaluate the relationship between effect-site concentration (CE) of propofol during total intravenous anaesthesia (TIVA) and cardiac systolic function using tissue Doppler imaging (TDI) in patients undergoing cardiovascular procedures.

METHODS: Stepwise increments of CE of propofol of 1.0, 2.0, 3.0 and 4.0 $\mu\text{g/ml}$ (modified Marsh model) were achieved using a target-controlled infusion device. Transthoracic echocardiographic assessments using TDI were performed for each CE of propofol and corresponding systolic myocardial velocity (s'), mean arterial blood pressure (MAP), heart rate (HR) and bispectral index (BIS) were evaluated.

RESULTS: Data from 31 patients were analysed in this prospective study. The s' velocity decreased with increasing propofol CE and values recorded at propofol CE 3.0 and 4.0 $\mu\text{g/ml}$ were near or below 8 cm/s indicating abnormal cardiac systolic

function. MAP, HR and BIS also decreased with each propofol CE increment.
CONCLUSION: Although the recommended dosage for propofol is up to 4.0 µg/ml, caution should be taken when using propofol concentrations above 2.0 µg/ml during TIVA in patients with underlying cardiovascular diseases.
PMID: 27048387 [PubMed - indexed for MEDLINE]

[Practice guidelines for management of cervical cancer in Korea: a Korean Society of Gynecologic Oncology Consensus Statement.](#)

2017년 4월 8일 토요일, 오전 3:50:20 | Lim MC, Lee M, Shim SH, Nam EJ, Lee JY, Kim HJ, Lee YY, Lee KB, Park JY, Kim YH, Ki KD, Song YJ, Chung HH, Kim S, Lee JW, Kim JW, Bae DS, Lee JM

[Related Articles](#)

Practice guidelines for management of cervical cancer in Korea: a Korean Society of Gynecologic Oncology Consensus Statement.

J Gynecol Oncol. 2017 Mar 15:

Authors: Lim MC, Lee M, Shim SH, Nam EJ, Lee JY, Kim HJ, Lee YY, Lee KB, Park JY, Kim YH, Ki KD, Song YJ, Chung HH, Kim S, Lee JW, Kim JW, Bae DS, Lee JM

Abstract

Clinical practice guidelines for gynecologic cancers have been developed by academic society from several countries. Each guideline reflected their own insurance system and unique medical environment, based on the published evidence. The Korean Society of Gynecologic Oncology (KSGO) published the first edition of practice guidelines for gynecologic cancer treatment in late 2006; the second edition was released in July 2010 as an evidence-based recommendation. The Guidelines Revision Committee was established in 2015 and decided to develop the third edition of the guidelines in an advanced format based on evidence-based medicine, embracing up-to-date clinical trials and qualified Korean data. These guidelines cover strategies for diagnosis and treatment of primary and recurrent cervical cancer. The committee members and many gynecologic oncologists derived key questions through discussions, and a number of relevant scientific literature were reviewed in advance. Recommendations for each specific question were developed by the consensus conference, and they are summarized here, along with the details. The objective of these practice guidelines is to establish standard policies on issues in clinical practice related to the management in cervical cancer based on the results in published papers to date and the consensus of experts as a KSGO Consensus Statement.

PMID: 28382794 [PubMed - as supplied by publisher]

Fatty acid-binding protein 4 regulates fatty infiltration after rotator cuff tear by hypoxia-inducible factor 1 in mice.

2017년 4월 8일 토요일, 오전 3:50:20 | Lee YS, Kim JY, Oh KS, Chung SW

[Related Articles](#)

Fatty acid-binding protein 4 regulates fatty infiltration after rotator cuff tear by hypoxia-inducible factor 1 in mice.

J Cachexia Sarcopenia Muscle. 2017 Apr 05::

Authors: Lee YS, Kim JY, Oh KS, Chung SW

Abstract

BACKGROUND: Fatty infiltration in skeletal muscle is directly linked to loss of muscle strength and is associated with various adverse physical outcomes such as muscle atrophy, inflammation, insulin resistance, mobility impairments, and even mortality in the elderly. Aging, mechanical unloading, muscle injury, and hormonal imbalance are main causes of muscle fat accumulation, and the fat cells are derived from muscle stem cells via adipogenic differentiation. However, the pathogenesis and molecular mechanisms of fatty infiltration in muscles are still not fully defined. Fatty acid-binding protein 4 (FABP4) is a carrier protein for fatty acids and is involved in fatty acid uptake, transport, and lipid metabolism. Rotator cuff tear (RCT) usually occurs in the elderly and is closely related with fatty infiltration in injured muscle. To investigate potential mechanisms for fatty infiltration other than adipogenic differentiation of muscle stem cells, we examined the role of FABP4 in muscle fatty infiltration in an RCT mouse model.

METHODS: In the RCT model, we evaluated the expression of FABP4 by qRT-PCR, western blotting, and immunohistochemical analyses. Histological changes such as inflammation and fat accumulation in the injured muscles were examined immunohistochemically. To evaluate whether hypoxia induces FABP4 expression, the levels of FABP4 mRNA and protein in C3H10T1/2 cells after hypoxia were examined. Using a transient transfection assay in 293T cells, we assessed the promoter activity of FABP4 by hypoxia-inducible factors (HIFs). Additionally, we evaluated the reduction in FABP4 expression and fat accumulation using specific inhibitors for HIF1 and FABP4, respectively.

RESULTS: FABP4 expression was significantly increased after RCT in mice, and its expression was localized in the intramuscular fatty region. Rotator cuff tear-induced FABP4 expression was up-regulated by hypoxia. HIF1 α , which is activated by hypoxia, augmented the promoter activity of FABP4, together with HIF1 β . Hypoxia-induced FABP4 expression was significantly decreased by HIF1 inhibitor treatment. Furthermore, in RCT model mice, fat accumulation was remarkably reduced by FABP4 inhibitor treatment.

CONCLUSIONS: This study shows that RCT induces FABP4 expression, leading to fat accumulation in injured muscle. FABP4 transcription is regulated by the direct binding of HIF1 to the FABP4 promoter in the hypoxic condition induced by RCT. Fat accumulation in injured muscle was reduced by the inhibition of FABP4. Ultimately, in the RCT model, we identified a novel mechanism for fatty infiltration by FABP4, which differs from adipogenic differentiation of muscle stem cells, and we found that fatty infiltration might be regulated by inhibition of HIF1 or FABP4.
PMID: 28382782 [PubMed - as supplied by publisher]

[Impact of central facial palsy and dysarthria on quality of life in patients with stroke: The KOSCO study.](#)

2017년 4월 8일 토요일, 오전 3:50:20 | Chang WH, Sohn MK, Lee J, Kim DY, Lee SG, Shin YI, Oh GJ, Lee YS, Joo MC, Han EY, Kim YH



[Related Articles](#)

Impact of central facial palsy and dysarthria on quality of life in patients with stroke: The KOSCO study.

NeuroRehabilitation. 2016 Jun 27;39(2):253-9

Authors: Chang WH, Sohn MK, Lee J, Kim DY, Lee SG, Shin YI, Oh GJ, Lee YS, Joo MC, Han EY, Kim YH

Abstract

BACKGROUND: There are a few reports on the impact of central facial palsy and dysarthria on quality of life (QOL) in stroke patients.

OBJECTIVE: To investigate the impact of central facial palsy on QOL compared with dysarthria during the chronic phase in patients with first-ever strokes.

METHODS: This study represents an interim analysis of the Korean Stroke Cohort for Functioning and Rehabilitation study. We selected data from patients with functional independence of 0 or 1 by the modified Rankin Scale at 6 months after stroke onset, who showed an impairment only in National Institute of Health Stroke Scale items 4 (facial palsy) or 10 (dysarthria). Assessments included the European Quality of Life-5 Dimensions (EQ-5D) and the Geriatric depression scale-short form (GDS-SF).

RESULTS: Data from 149 patients were selected for this analysis from 3,929 patients who were followed up at 6 months. Thirty-nine and 110 patients were classified into the facial palsy and dysarthria groups, respectively. The groups did not differ significantly in baseline characteristics or functional assessments. EQ-5D was significantly lower in the facial palsy group than in the dysarthria group at 6 months after stroke ($p = 0.036$). GDS-SF was significantly higher in the facial palsy

group than in the dysarthria group ($p = 0.005$).

CONCLUSIONS: The results of this study revealed that central facial palsy clearly has a more negative impact on QOL than dysarthria in chronic stroke patients with functional independence.

PMID: 27372360 [PubMed - indexed for MEDLINE]

[KOHBRA BRCA risk calculator \(KOHCal\): a model for predicting BRCA1 and BRCA2 mutations in Korean breast cancer patients.](#)

2017년 4월 8일 토요일, 오전 3:50:20 | Kang E, Park SK, Lee JW, Kim Z, Noh WC, Jung Y, Yang JH, Jung SH, Kim SW



[Related Articles](#)

KOHBRA BRCA risk calculator (KOHCal): a model for predicting BRCA1 and BRCA2 mutations in Korean breast cancer patients.

J Hum Genet. 2016 May;61(5):365-71

Authors: Kang E, Park SK, Lee JW, Kim Z, Noh WC, Jung Y, Yang JH, Jung SH, Kim SW

Abstract

The widely used Western BRCA mutation prediction models underestimated the risk of having a BRCA mutation in Korean breast cancer patients. This study aimed to identify predictive factors for BRCA1/2 mutations and to develop a Korean BRCA risk calculator. The model was constructed by logistic regression model, and it was based on the Korean Hereditary Breast Cancer study, in which 1669 female patients were enrolled between May 2007 and December 2010. A separate data set of 402 patients, who were enrolled from Jan 2011 to August 2012, was used to test the performance of our model. In total, 264 (15.8%) and 67 (16.7%) BRCA mutation carriers were identified in the model and validation set, respectively. Multivariate analysis showed that age at breast cancer diagnosis, bilateral breast cancer, triple-negative breast cancer (TNBC) and the number of relatives with breast or ovarian cancer within third-degree relatives were independent predictors of the BRCA mutation among familial breast cancer patients. An age <35 years at diagnosis, bilateral breast cancer, both breast and ovarian cancer and TNBC remained significant predictors in non-familial breast cancer cases. Our model was developed based on logistic regression models. The validation results showed no differences between the observed and expected carrier probabilities. This model will be a useful tool for providing genetic risk assessments in Korean populations.

PMID: 26763880 [PubMed - indexed for MEDLINE]

[Factors associated with rhinostomy shape](#)

[after endoscopic dacryocystorhinostomy](#)

2017년 5월 8일 월요일, 오전 8:22:04

Author(s):Shin, H.J. | Woo, K.I. | Kim, Y.-D.

Publication year: 2017

Journal / Book title: Clinical Otolaryngology

Access [all results](#) for your search in Scopus

[Identification of subtypes in subjects with mild-to-moderate airflow limitation and its clinical and socioeconomic implications](#)

2017년 5월 8일 월요일, 오전 8:22:04

Author(s):Lee, J.H. | Rhee, C.K. | Kim, K. | Kim, J.-A. | Kim, S.H. | Yoo, K.H. | Kim, W.J. | Park, Y.B. | Park, H.Y. | Jung, K.-S.

Publication year: 2017

Journal / Book title: International Journal of COPD

Access [all results](#) for your search in Scopus

[Enzyme catalyzed electrostimulation of human embryonic stem cell-derived cardiomyocytes influence contractility and synchronization](#)

2017년 5월 8일 월요일, 오전 8:22:04

Author(s):Park, S.-J. | Kim, K.-H. | Jeon, W.-Y. | Seo, J. | Han, J.-M. | Kim, J.-S. | Chung, H.-M. | Lee, J.-H. | Moon, S.-H. | Kim, H.-H.

Publication year: 2017

Journal / Book title: Biochemical Engineering Journal

Access [all results](#) for your search in Scopus

[Link between serum pepsinogen concentrations and upper gastrointestinal endoscopic findings](#)

2017년 5월 8일 월요일, 오전 8:22:04

Author(s):Lee, S.P. | Lee, S.-Y. | Kim, J.H. | Sung, I.-K. | Park, H.S. | Shim, C.S.

Publication year: 2017

Journal / Book title: Journal of Korean Medical Science

Access [all results](#) for your search in Scopus

[Practice guidelines for management of cervical cancer in Korea: A Korean society of gynecologic oncology consensus statement](#)

2017년 5월 8일 월요일, 오전 8:22:04

Author(s):Lim, M.C. | Lee, M. | Shim, S.H. | Nam, E.J. | Lee, J.Y. | Kim, H.J. | Lee, Y.-Y. | Lee, K.B. | Park, J.Y. | Kim, Y.H. | Ki, K.D. | Song, Y.J. | Chung, H.H. | Kim, S. | Lee, J.-W. | Kim, J.-W. | Bae, D.-S. | Lee, J.-M.

Publication year: 2017

Journal / Book title: Journal of Gynecologic Oncology

Access [all results](#) for your search in Scopus

[Reference values and utility of serum total immunoglobulin e for predicting atopy and allergic diseases in Korean schoolchildren](#)

2017년 5월 8일 월요일, 오전 8:22:04

Author(s):Kim, H.-Y. | Choi, J. | Ahn, K. | Hahm, M.-I. | Lee, S.-Y. | Kim, W.K. | Chae, Y. | Park, Y.M. | Han, M.Y. | Lee, K.-J. | Kwon, H.-J. | Kim, S. | Yoo, H. | Kim, J.

Publication year: 2017

Journal / Book title: Journal of Korean Medical Science

Access [all results](#) for your search in Scopus

[RNA-seq for gene expression profiling of human necrotizing enterocolitis: A pilot study](#)

2017년 5월 8일 월요일, 오전 8:22:04

Author(s):Jung, K. | Koh, I.S. | Kim, J.-H. | Cheong, H.S. | Park, T. | Nam, S.H. | Jung, S.-M. | Sio, C.A. | Kim, S.Y. | Jung, E. | Lee, B. | Kim, H.-R. | Shin, E. | Jung, S.-E. | Choi, C.W. | Kim, B.I. | Jung, E. | Shin, H.D.

Publication year: 2017

Journal / Book title: Journal of Korean Medical Science

Access [all results](#) for your search in Scopus

[Association of Vac A- and Cag A-specific Helicobacter pylori strain infection with spontaneous preterm birth](#)

2017년 5월 8일 월요일, 오전 8:22:04

Author(s): Yang, S.W. | Kwon, H.S. | Sohn, I.S. | Kim, Y.J. | Hwang, H.S.

Publication year: 2017

Journal / Book title: Journal of Maternal-Fetal and Neonatal Medicine

Access [all results](#) for your search in Scopus

[The associations between parity, other reproductive factors, and osteoarthritis in women aged over 50 years; data from the Korean National Health and Nutrition Examination Survey V \(2010-2012\)](#)

2017년 5월 8일 월요일, 오전 8:22:04

Author(s): Kim, S.M. | Cheon, J.-Y. | Park, Y.-G. | Kim, H.-R. | Shin, J.C. | Ko, H.S.

Publication year: 2017

Journal / Book title: Taiwanese Journal of Obstetrics and Gynecology

Access [all results](#) for your search in Scopus

[Radiofrequency ablation of benign thyroid nodules: depicting early sign of regrowth by calculating vital volume](#)

2017년 5월 8일 월요일, 오전 8:22:04

Author(s): Sim, J.S. | Baek, J.H. | Lee, J. | Cho, W. | Jung, S.I.

Publication year: 2017

Journal / Book title: International Journal of Hyperthermia

Access [all results](#) for your search in Scopus

[Neogargarooligosaccharides prevent septic shock by modulating A20-and](#)

[cyclooxygenase-2-mediated interleukin-10 secretion in a septic-shock mouse model](#)

2017년 5월 8일 월요일, 오전 8:22:04

Author(s):Kang, D.R. | Yoon, G.Y. | Cho, J. | Lee, S.J. | Lee, S.J. | Park, H.J. | Kang, T.H. | Han, H.D. | Park, W.S. | Yoon, Y.K. | Park, Y.-M. | Jung, I.D.

Publication year: 2017

Journal / Book title: Biochemical and Biophysical Research Communications

Access [all results](#) for your search in Scopus

[Association between CACNA1C gene polymorphisms and ritodrine-induced adverse events in preterm labor patients](#)

2017년 5월 8일 월요일, 오전 8:22:04

Author(s):Baek, M.Y. | Hwang, H.S. | Park, J.Y. | Chung, J.E. | Lee, K.E. | Lee, G.Y. | Seong, J.W. | Yee, J. | Kim, Y.J. | Gwak, H.S.

Publication year: 2017

Journal / Book title: European Journal of Clinical Pharmacology

Access [all results](#) for your search in Scopus

[Comparative Skin Evaluation After Split-Thickness Skin Grafts Using 2 Different Acellular Dermal Matrices to Cover Composite Forearm Defects](#)

2017년 5월 8일 월요일, 오전 8:22:04

Author(s):Lee, M.C. | Jang, Y.J. | Yun, I.S. | Lew, D.H. | Lee, W.J.

Publication year: 2017

Journal / Book title: Journal of Hand Surgery

Access [all results](#) for your search in Scopus

[Intraoperative management of critical arrhythmia](#)

2017년 5월 8일 월요일, 오전 8:22:04

Author(s):Kwon, C.H. | Kim, S.-H.

Publication year: 2017

Journal / Book title: Korean Journal of Anesthesiology

Access [all results](#) for your search in Scopus

[Long-term functional outcomes of patients with very mild stroke: does a NIHSS score of 0 mean no disability? An interim analysis of the KOSCO study](#)

2017년 5월 8일 월요일, 오전 8:22:04

Author(s):Chang, W.H. | Sohn, M.K. | Lee, J. | Kim, D.Y. | Lee, S.-G. | Shin, Y.-I. | Oh, G.-J. | Lee, Y.-S. | Joo, M.C. | Han, E.Y. | Kim, M.S. | Jang, S.Y. | Kim, J.H. | Kim, Y.-H.

Publication year: 2017

Journal / Book title: Disability and Rehabilitation

Access [all results](#) for your search in Scopus

[Multi-marker approach using procalcitonin, presepsin, galectin-3, and soluble suppression of tumorigenicity 2 for the prediction of mortality in sepsis](#)

2017년 5월 8일 월요일, 오전 8:22:04

Author(s):Kim, H. | Hur, M. | Moon, H.-W. | Yun, Y.-M. | Di Somma, S.

Publication year: 2017

Journal / Book title: Annals of Intensive Care

Access [all results](#) for your search in Scopus

[Corrigendum to “T0070907 inhibits repair of radiation-induced DNA damage by targeting RAD51” \[Toxicol. Vitro 37C \(2016\) 1-8\] \(S0887233316301588\) \(10.1016/j.tiv.2016.08.009\)\)](#)

2017년 5월 8일 월요일, 오전 8:22:04

Author(s):An, Z. | Yu, J.-R. | Park, W.-Y.

Publication year: 2017

Journal / Book title: Toxicology in Vitro

Access [all results](#) for your search in Scopus

[Change of nystagmus direction during a head-roll test in lateral semicircular canal cupulolithiasis](#)

2017년 5월 8일 월요일, 오전 8:22:04

Author(s):Shin, J.E. | Jeong, K.-H. | Ahn, S.H. | Kim, C.-H.

Publication year: 2017

Journal / Book title: Auris Nasus Larynx

Access [all results](#) for your search in Scopus

[Corrigendum to “The 99th percentile values of six cardiac troponin assays established for a reference population using strict selection criteria” \[Clin. Chim. Acta 464 \(2017\) 1–5\]\(S0009898116304508\)\(10.1016/j.cca.2016.11.004\)](#)

2017년 5월 8일 월요일, 오전 8:22:04

Author(s):Ko, D.-H. | Jeong, T.-D. | Cho, E.-J. | Lim, J. | Ji, M. | Lee, K. | Lee, W. | Yun, Y.-M. | Chun, S. | Song, J. | Kwon, K.-C. | Min, W.-K.

Publication year: 2017

Journal / Book title: Clinica Chimica Acta

Access [all results](#) for your search in Scopus

[Surgical outcome of intramedullary nailing in patients with complete atypical femoral fracture: A multicenter retrospective study](#)

2017년 5월 5일 금요일, 오전 3:50:46

Author(s):Lee, K.-J. | Yoo, J.J. | Oh, K.-J. | Yoo, J.-H. | Rhyu, K.H. | Nam, K.W. | Suh, D.-H.

Publication year: 2017

Journal / Book title: Injury

Access [all results](#) for your search in Scopus

[QUANTIFICATION OF RETINAL VESSEL TORTUOSITY IN DIABETIC RETINOPATHY USING OPTICAL COHERENCE TOMOGRAPHY ANGIOGRAPHY](#)

2017년 5월 5일 금요일, 오전 3:50:46

Author(s):Lee, H. | Lee, M. | Chung, H. | Kim, H.C.

Publication year: 2017

Journal / Book title: Retina

Access [all results](#) for your search in Scopus

[Efficacy, safety and albuminuria-reducing effect of gemigliptin in Korean type 2 diabetes patients with moderate to severe renal impairment: A 12-week, double-blind randomized study \(the GUARD Study\)](#)

2017년 5월 5일 금요일, 오전 3:50:46

Author(s):Yoon, S.A. | Han, B.G. | Kim, S.G. | Han, S.Y. | Jo, Y.I. | Jeong, K.H. | Oh, K.H. | Park, H.C. | Park, S.H. | Kang, S.W. | Na, K.R. | Kang, S.W. | Kim, N.H. | Jang, Y.H. | Shin, S.H. | Cha, D.R.

Publication year: 2017

Journal / Book title: Diabetes, Obesity and Metabolism

Access [all results](#) for your search in Scopus

[23-Hydroxytormentonic acid protects human dermal fibroblasts by attenuating](#)

[UVA-induced oxidative stress](#)

2017년 4월 26일 수요일, 오전 9:28:11

Author(s):Youn, H.J. | Kim, K.B. | Han, H.-S. | An, I.-S. | Ahn, K.J.

Publication year: 2017

Journal / Book title: Photodermatology Photoimmunology and Photomedicine

Access [all results](#) for your search in Scopus

[Factors Related to Upper Gastrointestinal Symptom Generation in 2275 Helicobacter pylori Seroprevalent Adults](#)

2017년 4월 26일 수요일, 오전 9:28:11

Author(s):Lee, S.P. | Lee, S.-Y. | Kim, J.H. | Sung, I.-K. | Park, H.S. | Shim, C.S.

Publication year: 2017

Journal / Book title: Digestive Diseases and Sciences

Access [all results](#) for your search in Scopus

[Comparison of bone mineral loss by combined androgen block agonist versus GnRH in patients with prostate cancer: A 12 month-prospective observational study](#)

2017년 4월 26일 수요일, 오전 9:28:11

Author(s):Kim, S.H. | Joung, J.Y. | Kim, S. | Rha, K.H. | Kim, H.G. | Kwak, C. | Lee, J.Y. | Jeon, S.S. | Hong, S.K. | Jeong, H. | Jo, M.K. | You, D. | Jeong, I.G. | Hong, J.H. | Kim, C.-S.

Publication year: 2017

Journal / Book title: Scientific Reports

Access [all results](#) for your search in Scopus

[Ultrasonographic and clinical characteristics of schwannoma of the hand](#)

2017년 4월 26일 수요일, 오전 9:28:11

Author(s):Lee, S.J. | Yoon, S.T.

Publication year: 2017

Journal / Book title: CiOS Clinics in Orthopedic Surgery

Access [all results](#) for your search in Scopus

[The effect of sleep disordered breathing on olfactory functions: Analysis by apnea-hypopnea index](#)

2017년 4월 26일 수요일, 오전 9:28:11

Author(s):Shin, D.-H. | Ahn, S.H. | Yang, Y. | Choi, S. | Cho, J.H. | Hong, S.-C. | Kim, J.K.

Publication year: 2017

Journal / Book title: Clinical and Experimental Otorhinolaryngology

Access [all results](#) for your search in Scopus

[Rosiglitazone enhances radiosensitivity by inhibiting repair of DNA damage in cervical cancer cells](#)

2017년 4월 26일 수요일, 오전 9:28:11

Author(s):An, Z. | Yu, J.-R. | Park, W.-Y.

Publication year: 2017

Journal / Book title: Radiation and Environmental Biophysics

Access [all results](#) for your search in Scopus

[23-Hydroxytormentonic acid protects human dermal fibroblasts by attenuating UVA-induced oxidative stress](#)

2017년 4월 18일 화요일, 오전 8:29:15

Author(s):Youn, H.J. | Kim, K.B. | Han, H.-S. | An, I.-S. | Ahn, K.J.

Publication year: 2017

Journal / Book title: Photodermatology, photoimmunology &photomedicine

Access [all results](#) for your search in Scopus

[Altered Gene and Protein Expressions in Torn](#)

Rotator Cuff Tendon Tissues in Diabetic Patients

2017년 4월 18일 화요일, 오전 8:29:15

Author(s): Chung, S.W. | Choi, B.M. | Kim, J.Y. | Lee, Y.-S. | Yoon, J.P. | Oh, K.-S. | Park, K.S.

Publication year: 2017

Journal / Book title: Arthroscopy - Journal of Arthroscopic and Related Surgery

Access [all results](#) for your search in Scopus

Deltoid muscle volume affects clinical outcome of reverse total shoulder arthroplasty in patients with cuff tear arthropathy or irreparable cuff tears

2017년 4월 14일 금요일, 오전 9:14:18

Author(s): Yoon, J.P. | Seo, A. | Kim, J.J. | Lee, C.-H. | Baek, S.-H. | Kim, S.Y. | Jeong, E.T. | Oh, K.-S. | Chung, S.W.

Publication year: 2017

Journal / Book title: PLoS ONE

Access [all results](#) for your search in Scopus

Diagnostic efficacy of structural MRI in patients with mild-to-moderate Alzheimer disease: Automated volumetric assessment versus visual assessment

2017년 4월 14일 금요일, 오전 9:14:18

Author(s): Min, J. | Moon, W.-J. | Jeon, J.Y. | Choi, J.W. | Moon, Y.-S. | Han, S.-H.

Publication year: 2017

Journal / Book title: American Journal of Roentgenology

Access [all results](#) for your search in Scopus

Phytosphingosine-1-phosphate and epidermal growth factor synergistically restore

extracellular matrix in human dermal fibroblasts in vitro and in vivo

2017년 4월 12일 수요일, 오전 9:07:46

Author(s):Kwon, S.B. | An, S. | Kim, M.J. | Kim, K.R. | Choi, Y.M. | Ahn, K.J. | An, I.-S. | Cha, H.J.

Publication year: 2017

Journal / Book title: International Journal of Molecular Medicine

Access [all results](#) for your search in Scopus

Optimal maintenance treatment with calcipotriol/betamethasone dipropionate gel in Korean patients with psoriasis vulgaris: a multicentre randomized, controlled clinical trial

2017년 4월 6일 목요일, 오전 8:47:53

Author(s):Lee, J.-H. | Park, C.-J. | Kim, T.-Y. | Choe, Y.-B. | Kim, N.-I. | Song, H.-J. | Youn, J.-I. | Youn, S.-W. | Choi, J.-H. | Kim, K.-J.

Publication year: 2017

Journal / Book title: Journal of the European Academy of Dermatology and Venereology

Access [all results](#) for your search in Scopus

Absence of association between gallstone and coronary artery calcification

2017년 4월 6일 목요일, 오전 8:47:53

Author(s):Kwon, C.H. | Kang, J.G. | Lee, H.J. | Kim, N.H. | Sung, J.-W. | Cheong, E. | Sung, K.-C.

Publication year: 2017

Journal / Book title: Atherosclerosis

Access [all results](#) for your search in Scopus

Synthetic vaccine nanoparticles target to

lymph node triggering enhanced innate and adaptive antitumor immunity

2017년 5월 5일 금요일, 오전 3:51:04 | Kim, Sun-Young; Noh, Young-Woock; Kang, Tae Heung; et al.

Title: Synthetic vaccine nanoparticles target to lymph node triggering enhanced innate and adaptive antitumor immunity

Author(s): Kim, Sun-Young; Noh, Young-Woock; Kang, Tae Heung; et al.

Source: BIOMATERIALS, 130: 56-66 JUN 2017

Document Type: Article

Emergence of an extended-spectrum beta-lactamase-producing serotype K1 Klebsiella pneumoniae ST23 strain from Asian countries

2017년 5월 5일 금요일, 오전 3:51:04 | Cheong, H. S.; Chung, D. R.; Park, M.; et al.

Title: Emergence of an extended-spectrum beta-lactamase-producing serotype K1 Klebsiella pneumoniae ST23 strain from Asian countries

Author(s): Cheong, H. S.; Chung, D. R.; Park, M.; et al.

Source: EPIDEMIOLOGY AND INFECTION, 145 (5): 990-994 APR 2017

Document Type: Article

Multi-marker approach using procalcitonin, presepsin, galectin-3, and soluble suppression of tumorigenicity 2 for the prediction of mortality in sepsis

2017년 5월 5일 금요일, 오전 3:51:04 | Kim, Hanah; Hur, Mina; Moon, Hee-Won; et al.

Title: Multi-marker approach using procalcitonin, presepsin, galectin-3, and soluble suppression of tumorigenicity 2 for the prediction of mortality in sepsis

Author(s): Kim, Hanah; Hur, Mina; Moon, Hee-Won; et al.

Source: ANNALS OF INTENSIVE CARE, 7: MAR 7 2017

Document Type: Article

Achieving near euglycaemia using long-term insulin pump therapy differentially improves C-peptide level or disposition index in type 2 diabetes

2017년 5월 5일 금요일, 오전 3:51:04 | Choi, S.: Hong, E.: Sung, S.: et al.

Title: Achieving near euglycaemia using long-term insulin pump therapy differentially improves C-peptide level or disposition index in type 2 diabetes

Author(s): Choi, S.: Hong, E.: Sung, S.: et al.

Source: DIABETOLOGIA, 59: S242-S242 AUG 2016

Document Type: Meeting Abstract

Efficacy and safety of gemigliptin in type 2 diabetes patients with moderate to severe renal impairment (GUARD study)

2017년 5월 5일 금요일, 오전 3:51:04 | Yoon, S.: Han, B.: Kim, S.: et al.

Title: Efficacy and safety of gemigliptin in type 2 diabetes patients with moderate to severe renal impairment (GUARD study)

Author(s): Yoon, S.: Han, B.: Kim, S.: et al.

Source: DIABETOLOGIA, 59: S361-S362 AUG 2016

Document Type: Meeting Abstract

SWITCHING TENOFOVIR DISOPROXIL FUMARATE (TDF) PLUS ENTECAVIR COMBINATION THERAPY TO TDF MONOTHERAPY IS SAFE AND EFFICACIOUS IN PATIENTS WITH MULTIPLE DRUG-RESISTANT CHRONIC HEPATITIS B: RANDOMIZED TRIAL

2017년 5월 5일 금요일, 오전 3:51:04 | Lim, Y. -S.; Yoo, B. C.; Byun, K. S.; et al.



Title: SWITCHING TENOFOVIR DISOPROXIL FUMARATE (TDF) PLUS ENTECAVIR COMBINATION THERAPY TO TDF MONOTHERAPY IS SAFE AND EFFICACIOUS IN

PATIENTS WITH MULTIPLE DRUG-RESISTANT CHRONIC HEPATITIS B: RANDOMIZED TRIAL

Author(s): Lim, Y. -S.; Yoo, B. C.; Byun, K. S.; et al.

Source: JOURNAL OF HEPATOLOGY, 64: S606-S606 2016

Document Type: Meeting Abstract

ENTECAVIR VERSUS LAMIVUDINE FOR PREVENTION OF LIVER-RELATED EVENTS IN PATIENTS WITH HBV-RELATED ADVANCED LIVER DISEASE: A MULTICENTER, PROSPECTIVE STUDY

2017년 5월 5일 금요일, 오전 3:51:04 | Park, J. Y.; Kim, S. G.; Tak, W. Y.; et al. 

Title: ENTECAVIR VERSUS LAMIVUDINE FOR PREVENTION OF LIVER-RELATED EVENTS IN PATIENTS WITH HBV-RELATED ADVANCED LIVER DISEASE: A MULTICENTER, PROSPECTIVE STUDY

Author(s): Park, J. Y.; Kim, S. G.; Tak, W. Y.; et al.

Source: JOURNAL OF HEPATOLOGY, 64: S595-S595 2016

Document Type: Meeting Abstract

ALANINE AMINOTRANSFERASE NORMALIZATION DURING ENTECAVIR TREATMENT AND THE HEPATOCELLULAR CARCINOMA RISK IN HEPATITIS B VIRUS-ASSOCIATED CIRRHOSIS

2017년 5월 5일 금요일, 오전 3:51:04 | Shin, S. K.; Yeon, J. E.; Kwon, O. S.; et al.

Title: ALANINE AMINOTRANSFERASE NORMALIZATION DURING ENTECAVIR TREATMENT AND THE HEPATOCELLULAR CARCINOMA RISK IN HEPATITIS B VIRUS-ASSOCIATED CIRRHOSIS

Author(s): Shin, S. K.; Yeon, J. E.; Kwon, O. S.; et al.

Source: JOURNAL OF HEPATOLOGY, 64: S340-S340 2016

Document Type: Meeting Abstract

Surface modification of titanium with beta-CD/polydopamine for a controlled release of lovastatin, and its effect on the enhanced osteogenic activity

2017년 4월 29일 토요일, 오전 3:50:37 | Yang, Dae Hyeok; Moon, Sang Woong; Jang, Goo; et al.

Title: Surface modification of titanium with beta-CD/polydopamine for a controlled release of lovastatin, and its effect on the enhanced osteogenic activity

Author(s): Yang, Dae Hyeok; Moon, Sang Woong; Jang, Goo; et al.

Source: JOURNAL OF INDUSTRIAL AND ENGINEERING CHEMISTRY, 49: 158-167
MAY 25 2017

Document Type: Article

Change of nystagmus direction during a head-roll test in lateral semicircular canal cupulolithiasis

2017년 4월 29일 토요일, 오전 3:50:37 | Shin, Jung Eun; Jeong, Kyung-Hwa; Ahn, Sung Hwan; et al.

Title: Change of nystagmus direction during a head-roll test in lateral semicircular canal cupulolithiasis

Author(s): Shin, Jung Eun; Jeong, Kyung-Hwa; Ahn, Sung Hwan; et al.

Source: AURIS NASUS LARYNX, 44 (2): 227-231 APR 2017

Document Type: Article

Doppler Ultrasound in Liver Cirrhosis: Correlation of Hepatic Artery and Portal Vein Measurements With Model for End-Stage Liver Disease Score

2017년 4월 29일 토요일, 오전 3:50:37 | Park, Hee Sun; Desser, Terry S.; Jeffrey, R. Brooke; et al.

Title: Doppler Ultrasound in Liver Cirrhosis: Correlation of Hepatic Artery and Portal Vein Measurements With Model for End-Stage Liver Disease Score

Author(s): Park, Hee Sun; Desser, Terry S.; Jeffrey, R. Brooke; et al.

Source: JOURNAL OF ULTRASOUND IN MEDICINE, 36 (4): 725-730 APR 2017

Document Type: Article

[Serial Changes of Tendon Histomorphology and Strain Elastography After Induced Achilles Tendinopathy in Rabbits: An In Vivo Study](#)

2017년 4월 29일 토요일, 오전 3:50:37 | Ahn, Kyung-Sik; Lee, Nam Joon; Kang, Chang Ho; et al.

Title: Serial Changes of Tendon Histomorphology and Strain Elastography After Induced Achilles Tendinopathy in Rabbits: An In Vivo Study

Author(s): Ahn, Kyung-Sik; Lee, Nam Joon; Kang, Chang Ho; et al.

Source: JOURNAL OF ULTRASOUND IN MEDICINE, 36 (4): 767-774 APR 2017

Document Type: Article

[T0070907 inhibits repair of radiation-induced DNA damage by targeting RAD51 \(vol 37, pg 1, 2016\)](#)

2017년 4월 29일 토요일, 오전 3:50:37 | An, Zhengzhe; Yu, Jae-Ran; Park, Woo-Yoon

Title: T0070907 inhibits repair of radiation-induced DNA damage by targeting RAD51 (vol 37, pg 1, 2016)

Author(s): An, Zhengzhe; Yu, Jae-Ran; Park, Woo-Yoon

Source: TOXICOLOGY IN VITRO, 40: 347-347 APR 2017

Document Type: Correction

[Rapid detection and quantification of Ebola Zaire virus by one-step real-time quantitative reverse transcription-polymerase chain reaction](#)

2017년 4월 29일 토요일, 오전 3:50:37 | Ro, Young-Tae; Ticer, Anysha; Carrion, Ricardo, Jr.; et al.

Title: Rapid detection and quantification of Ebola Zaire virus by one-step real-time quantitative reverse transcription-polymerase chain reaction

Author(s): Ro, Young-Tae; Ticer, Anysha; Carrion, Ricardo, Jr.; et al.

Source: MICROBIOLOGY AND IMMUNOLOGY, 61 (3-4): 130-137 MAR-APR 2017

Document Type: Article

[Awareness of Atopic Dermatitis and Attitudes toward Different Types of Medical Institutions for Its Treatment among Adult Patients and the Parents of Pediatric Patients: A Survey of 500 Participants](#)

2017년 4월 29일 토요일, 오전 3:50:37 | Roh, Nam Kyung; Han, Song Hee; Kim, Min Jung; et al.

Title: Awareness of Atopic Dermatitis and Attitudes toward Different Types of Medical Institutions for Its Treatment among Adult Patients and the Parents of Pediatric Patients: A Survey of 500 Participants

Author(s): Roh, Nam Kyung; Han, Song Hee; Kim, Min Jung; et al.

Source: ANNALS OF DERMATOLOGY, 28 (6): 725-732 DEC 2016

Document Type: Article

[Efficacy and Safety of Cream Containing Climbazole/Piroctone Olamine for Facial Seborrheic Dermatitis: A Single-Center, Open-Label Split-Face Clinical Study](#)

2017년 4월 29일 토요일, 오전 3:50:37 | Youn, Hae Jeong; Kim, Soo Young; Park, Minji; et al.

Title: Efficacy and Safety of Cream Containing Climbazole/Piroctone Olamine for Facial Seborrheic Dermatitis: A Single-Center, Open-Label Split-Face Clinical Study

Author(s): Youn, Hae Jeong; Kim, Soo Young; Park, Minji; et al.

Source: ANNALS OF DERMATOLOGY, 28 (6): 733-739 DEC 2016

Document Type: Article

[Pretreatment of Ferulic Acid Protects Human](#)

Dermal Fibroblasts against Ultraviolet A Irradiation

2017년 4월 29일 토요일, 오전 3:50:37 | Hahn, Hyung Jin; Kim, Ki Bbeum; Bae, Seunghee; et al.

Title: Pretreatment of Ferulic Acid Protects Human Dermal Fibroblasts against Ultraviolet A Irradiation

Author(s): Hahn, Hyung Jin; Kim, Ki Bbeum; Bae, Seunghee; et al.

Source: ANNALS OF DERMATOLOGY, 28 (6): 740-748 DEC 2016

Document Type: Article

COST COMPARISON OF MEDICAL AND SURGICAL TREATMENTS FOR MEDICALLY INTRACTABLE EPILEPSY

2017년 4월 29일 토요일, 오전 3:50:37 | Rhee, J.; Chung, C. K.; Kim, D. W.; et al.

Title: COST COMPARISON OF MEDICAL AND SURGICAL TREATMENTS FOR MEDICALLY INTRACTABLE EPILEPSY

Author(s): Rhee, J.; Chung, C. K.; Kim, D. W.; et al.

Source: VALUE IN HEALTH, 19 (7): A428-A428 NOV 2016

Document Type: Meeting Abstract

TREATMENT PATTERNS AND MEDICATION ADHERENCE OF ACUTE ISCHEMIC STROKE PATIENT IN KOREA

2017년 4월 29일 토요일, 오전 3:50:37 | Yoon, B.; Chung, P.; Lee, Y.; et al. 

Title: TREATMENT PATTERNS AND MEDICATION ADHERENCE OF ACUTE ISCHEMIC STROKE PATIENT IN KOREA

Author(s): Yoon, B.; Chung, P.; Lee, Y.; et al.

Source: VALUE IN HEALTH, 19 (7): A656-A656 NOV 2016

Document Type: Meeting Abstract

Long-term functional outcomes of patients with very mild stroke: does a NIHSS score of

0 mean no disability? An interim analysis of the KOSCO study

2017년 4월 21일 금요일, 오전 3:50:31 | Chang, Won Hyuk; Sohn, Min Kyun; Lee, Jongmin; et al.

Title: Long-term functional outcomes of patients with very mild stroke: does a NIHSS score of 0 mean no disability? An interim analysis of the KOSCO study

Author(s): Chang, Won Hyuk; Sohn, Min Kyun; Lee, Jongmin; et al.

Source: DISABILITY AND REHABILITATION, 39 (9): 904-910 2017

Document Type: Article

Anticancer Effects of a New SIRT Inhibitor, MHY2256, against Human Breast Cancer MCF-7 Cells via Regulation of MDM2-p53 Binding

2017년 4월 21일 금요일, 오전 3:50:31 | Park, Eun Young; Woo, Youngwoo; Kim, Seong Jin; et al.

Title: Anticancer Effects of a New SIRT Inhibitor, MHY2256, against Human Breast Cancer MCF-7 Cells via Regulation of MDM2-p53 Binding

Author(s): Park, Eun Young; Woo, Youngwoo; Kim, Seong Jin; et al.

Source: INTERNATIONAL JOURNAL OF BIOLOGICAL SCIENCES, 12 (12): 1555-1567 2016

Document Type: Article

Medical visits, antihypertensive prescriptions and medication adherence among newly diagnosed hypertensive patients in Korea

2017년 4월 17일 월요일, 오전 3:50:45 | Jeong, Hyoseon; Kim, Hyeongsu; Lee, Kunsei; et al.

Title: Medical visits, antihypertensive prescriptions and medication adherence among newly diagnosed hypertensive patients in Korea

Author(s): Jeong, Hyoseon; Kim, Hyeongsu; Lee, Kunsei; et al.

Source: ENVIRONMENTAL HEALTH AND PREVENTIVE MEDICINE, 22 (1): DEC 2017

Document Type: Article

[HSP70-1 is required for interleukin-5-induced angiogenic responses through eNOS pathway](#)

2017년 4월 15일 토요일, 오전 3:50:36 | Park, Sung Lyea; Chung, Tae-Wook; Kim, Sangtae; et al.

Title: HSP70-1 is required for interleukin-5-induced angiogenic responses through eNOS pathway

Author(s): Park, Sung Lyea; Chung, Tae-Wook; Kim, Sangtae; et al.

Source: SCIENTIFIC REPORTS, 7: MAR 20 2017

Document Type: Article

[Altered Gene and Protein Expressions in Torn Rotator Cuff Tendon Tissues in Diabetic Patients](#)

2017년 4월 15일 토요일, 오전 3:50:36 | Chung, Seok Won; Choi, Bo Mi; Kim, Ja Yeon; et al.

Title: Altered Gene and Protein Expressions in Torn Rotator Cuff Tendon Tissues in Diabetic Patients

Author(s): Chung, Seok Won; Choi, Bo Mi; Kim, Ja Yeon; et al.

Source: ARTHROSCOPY-THE JOURNAL OF ARTHROSCOPIC AND RELATED SURGERY, 33 (3): 518-+ MAR 2017

Document Type: Article

[Absence of association between gallstone and coronary artery calcification](#)

2017년 4월 15일 토요일, 오전 3:50:36 | Kwon, Chang Hee; Kang, Jung Gyu; Lee, Hyun Jong; et al.

Title: Absence of association between gallstone and coronary artery calcification

Author(s): Kwon, Chang Hee; Kang, Jung Gyu; Lee, Hyun Jong; et al.

Source: ATHEROSCLEROSIS, 258: 51-55 MAR 2017

Document Type: Article

[Hydronephrosis with ureteritis developed in C57BL/6N mice carrying the congenic region](#)

[derived from MRL/MpJ-type chromosome 11](#)

2017년 4월 15일 토요일, 오전 3:50:36 | Ichii, Osamu; Chihara, Masataka; Lee, Shin-Hyo; et al.

Title: Hydronephrosis with ureteritis developed in C57BL/6N mice carrying the congenic region derived from MRL/MpJ-type chromosome 11

Author(s): Ichii, Osamu; Chihara, Masataka; Lee, Shin-Hyo; et al.

Source: AUTOIMMUNITY, 50 (2): 114-124 MAR 2017

Document Type: Article

[Distribution and Molecular Characterization of Campylobacter Species at Different Processing Stages in Two Poultry Processing Plants](#)

2017년 4월 15일 토요일, 오전 3:50:36 | Lee, Soo-Kyoung; Park, Hyun-Jung; Lee, Jin-Hee; et al.

Title: Distribution and Molecular Characterization of Campylobacter Species at Different Processing Stages in Two Poultry Processing Plants

Author(s): Lee, Soo-Kyoung; Park, Hyun-Jung; Lee, Jin-Hee; et al.

Source: FOODBORNE PATHOGENS AND DISEASE, 14 (3): 141-147 MAR 2017

Document Type: Article

[Imaging Patterns of Intratumoral Calcification in the Abdominopelvic Cavity](#)

2017년 4월 15일 토요일, 오전 3:50:36 | Yu, Mi Hye; Kim, Young Jun; Park, Hee Sun; et al.

Title: Imaging Patterns of Intratumoral Calcification in the Abdominopelvic Cavity

Author(s): Yu, Mi Hye; Kim, Young Jun; Park, Hee Sun; et al.

Source: KOREAN JOURNAL OF RADIOLOGY, 18 (2): 323-335 MAR-APR 2017

Document Type: Editorial Material

[23-Hydroxytormentonic acid protects human dermal fibroblasts by attenuating UVA-induced oxidative stress](#)

2017년 4월 15일 토요일, 오전 3:50:36 | Youn, Hae Jeong; Kim, Ki Bbeum; Han, Hyo-Sun; et al.

Title: 23-Hydroxytormentonic acid protects human dermal fibroblasts by attenuating UVA-induced oxidative stress

Author(s): Youn, Hae Jeong; Kim, Ki Bbeum; Han, Hyo-Sun; et al.

Source: PHOTODERMATOLOGY PHOTOIMMUNOLOGY &PHOTOMEDICINE, 33 (2): 92-100 MAR 2017

Document Type: Article

Preclinical Analysis of Fetal Human Mesencephalic Neural Progenitor Cell Lines: Characterization and Safety In Vitro and In Vivo

2017년 4월 15일 토요일, 오전 3:50:36 | Moon, Jisook; Schwarz, Sigrid C.; Lee, Hyun-Seob; et al.

Title: Preclinical Analysis of Fetal Human Mesencephalic Neural Progenitor Cell Lines: Characterization and Safety In Vitro and In Vivo

Author(s): Moon, Jisook; Schwarz, Sigrid C.; Lee, Hyun-Seob; et al.

Source: STEM CELLS TRANSLATIONAL MEDICINE, 6 (2): 576-588 FEB 2017

Document Type: Article

Novel Therapeutic Transplantation of Induced Neural Stem Cells for Stroke

2017년 4월 15일 토요일, 오전 3:50:36 | Yamashita, Toni; Liu, Wentao; Matsumura, Yoshiaki; et al.

Title: Novel Therapeutic Transplantation of Induced Neural Stem Cells for Stroke

Author(s): Yamashita, Toni; Liu, Wentao; Matsumura, Yoshiaki; et al.

Source: CELL TRANSPLANTATION, 26 (3): 461-467 2017

Document Type: Article

MECHANISM OF POST-STROKE DEMENTIA: INTERACTION BETWEEN TERRITORIAL INFARCTION AND CHRONIC CEREBRAL HYPOPERFUSION

2017년 4월 15일 토요일, 오전 3:50:36 | Kim, H. Y.; Back, D. B.; Seo, J. H.

Title: MECHANISM OF POST-STROKE DEMENTIA: INTERACTION BETWEEN TERRITORIAL INFARCTION AND CHRONIC CEREBRAL HYPOPERFUSION

Author(s): Kim, H. Y.; Back, D. B.; Seo, J. H.

Source: JOURNAL OF CEREBRAL BLOOD FLOW AND METABOLISM, 36: 208-209 JUN 2016

Document Type: Meeting Abstract

[COGNITIVE IMPAIRMENTS IN A RAT MODEL OF STREPTOZOTOCIN-INTRAVENTRICULAR INJECTION: INTERACTION BETWEEN DIABETES AND ALZHEIMER'S DISEASE](#)

2017년 4월 15일 토요일, 오전 3:50:36 | Kim, H. Y.; Seo, J. H.; Back, D. B.

Title: COGNITIVE IMPAIRMENTS IN A RAT MODEL OF STREPTOZOTOCIN-INTRAVENTRICULAR INJECTION: INTERACTION BETWEEN DIABETES AND ALZHEIMER'S DISEASE

Author(s): Kim, H. Y.; Seo, J. H.; Back, D. B.

Source: JOURNAL OF CEREBRAL BLOOD FLOW AND METABOLISM, 36: 209-209 JUN 2016

Document Type: Meeting Abstract

[CLINICAL CHARACTERISTICS OF CEREBRAL VENOUS THROMBOSIS IN A SINGLE CENTER IN KOREA](#)

2017년 4월 15일 토요일, 오전 3:50:36 | Moon, C.; Park, D. S.

Title: CLINICAL CHARACTERISTICS OF CEREBRAL VENOUS THROMBOSIS IN A SINGLE CENTER IN KOREA

Author(s): Moon, C.; Park, D. S.

Source: JOURNAL OF CEREBRAL BLOOD FLOW AND METABOLISM, 36: 425-425 JUN 2016

Document Type: Meeting Abstract

[Behavioural and neuropsychiatric disturbance in three clinical subtypes of frontotemporal dementia: A Clinical Research Center for](#)

[Dementia of South Korea-FTD Study](#)

2017년 4월 13일 목요일, 오전 3:50:27 | Park, Moon Ho; Kim, Eun-Joo; Park, Kyung Won; et al.

Title: Behavioural and neuropsychiatric disturbance in three clinical subtypes of frontotemporal dementia: A Clinical Research Center for Dementia of South Korea-FTD Study

Author(s): Park, Moon Ho; Kim, Eun-Joo; Park, Kyung Won; et al.

Source: AUSTRALASIAN JOURNAL ON AGEING, 36 (1): 46-51 MAR 2017

Document Type: Article

[Celecoxib-mediated activation of endoplasmic reticulum stress induces de novo ceramide biosynthesis and apoptosis in hepatoma HepG2 cells\]](#)

2017년 4월 13일 목요일, 오전 3:50:27 | Maeng, Hyo Jin; Song, Jae-Hwi; Kim, Goon-Tae; et al.

Title: Celecoxib-mediated activation of endoplasmic reticulum stress induces de novo ceramide biosynthesis and apoptosis in hepatoma HepG2 cells]

Author(s): Maeng, Hyo Jin; Song, Jae-Hwi; Kim, Goon-Tae; et al.

Source: BMB REPORTS, 50 (3): 144-149 MAR 2017

Document Type: Article

[Clinical significance of non-mass-like enhancement of preoperative MRI in breast cancer considering breast-conserving surgery](#)

2017년 4월 13일 목요일, 오전 3:50:27 | Jung, S.; Yang, M. D. J.; Yu, Y.

Title: Clinical significance of non-mass-like enhancement of preoperative MRI in breast cancer considering breast-conserving surgery

Author(s): Jung, S.; Yang, M. D. J.; Yu, Y.

Source: BREAST, 32: S114-S114 MAR 2017

Document Type: Meeting Abstract

[Three-Year Retention Rates of Levetiracetam,](#)

Topiramate, and Oxcarbazepine: A Retrospective Hospital-Based Study

2017년 4월 13일 목요일, 오전 3:50:27 | Sunwoo, Jun-Sang; Park, Byeong-Su; Ahn, Seon Jae; et al.

Title: Three-Year Retention Rates of Levetiracetam, Topiramate, and Oxcarbazepine: A Retrospective Hospital-Based Study

Author(s): Sunwoo, Jun-Sang; Park, Byeong-Su; Ahn, Seon Jae; et al.

Source: CLINICAL NEUROPHARMACOLOGY, 40 (2): 56-62 MAR-APR 2017

Document Type: Review

Automatic segmentation of supraspinatus from MRI by internal shape fitting and autocorrection

2017년 4월 13일 목요일, 오전 3:50:27 | Kim, Sunhee; Lee, Deukhee; Park, Sehyung; et al.

Title: Automatic segmentation of supraspinatus from MRI by internal shape fitting and autocorrection

Author(s): Kim, Sunhee; Lee, Deukhee; Park, Sehyung; et al.

Source: COMPUTER METHODS AND PROGRAMS IN BIOMEDICINE, 140: 165-174 MAR 2017

Document Type: Article

Phytosphingosine-1-phosphate and epidermal growth factor synergistically restore extracellular matrix in human dermal fibroblasts in vitro and in vivo

2017년 4월 13일 목요일, 오전 3:50:27 | Kwon, Seung Bin; An, Sungkwan; Kim, Min Jung; et al.

Title: Phytosphingosine-1-phosphate and epidermal growth factor synergistically restore extracellular matrix in human dermal fibroblasts in vitro and in vivo

Author(s): Kwon, Seung Bin; An, Sungkwan; Kim, Min Jung; et al.

Source: INTERNATIONAL JOURNAL OF MOLECULAR MEDICINE, 39 (3): 741-748 MAR 2017

Document Type: Article

Optimal maintenance treatment with calcipotriol/betamethasone dipropionate gel in Korean patients with psoriasis vulgaris: a multicentre randomized, controlled clinical trial

2017년 4월 13일 목요일, 오전 3:50:27 | Lee, J. -H.; Park, C. -J.; Kim, T. -Y.; et al.
Title: Optimal maintenance treatment with calcipotriol/betamethasone dipropionate gel in Korean patients with psoriasis vulgaris: a multicentre randomized, controlled clinical trial
Author(s): Lee, J. -H.; Park, C. -J.; Kim, T. -Y.; et al.
Source: JOURNAL OF THE EUROPEAN ACADEMY OF DERMATOLOGY AND VENEREOLOGY, 31 (3): 483-489 MAR 2017
Document Type: Article

Open-wedge high tibial osteotomy versus unicompartmental knee arthroplasty: no difference in progression of patellofemoral joint arthritis

2017년 4월 13일 목요일, 오전 3:50:27 | Oh, Kwang-Jun; Kim, Young Chan; Lee, Jong Seong; et al.
Title: Open-wedge high tibial osteotomy versus unicompartmental knee arthroplasty: no difference in progression of patellofemoral joint arthritis
Author(s): Oh, Kwang-Jun; Kim, Young Chan; Lee, Jong Seong; et al.
Source: KNEE SURGERY SPORTS TRAUMATOLOGY ARTHROSCOPY, 25 (3): 767-772 MAR 2017
Document Type: Article

Effect of subcutaneous treatment with human umbilical cord blood-derived multipotent stem cells on peripheral neuropathic pain in rats

2017년 4월 13일 목요일, 오전 3:50:27 | Lee, Min Ju; Yoon, Tae Gyoon; Kang, Moonkyu; et al.

Title: Effect of subcutaneous treatment with human umbilical cord blood-derived multipotent stem cells on peripheral neuropathic pain in rats

Author(s): Lee, Min Ju; Yoon, Tae Gyoon; Kang, Moonkyu; et al.

Source: KOREAN JOURNAL OF PHYSIOLOGY &PHARMACOLOGY, 21 (2): 153-160
MAR 2017

Document Type: Article

[Nortriptyline, a tricyclic antidepressant, inhibits voltage dependent K⁺ channels in coronary arterial smooth muscle cells](#)

2017년 4월 13일 목요일, 오전 3:50:27 | Shin, Sung Eun; Li, Hongliang; Kim, Han Sol; et al.

Title: Nortriptyline, a tricyclic antidepressant, inhibits voltage dependent K⁺ channels in coronary arterial smooth muscle cells

Author(s): Shin, Sung Eun; Li, Hongliang; Kim, Han Sol; et al.

Source: KOREAN JOURNAL OF PHYSIOLOGY &PHARMACOLOGY, 21 (2): 225-232
MAR 2017

Document Type: Article

[Defining the activities of publicness for Korea ' s public community hospitals using the Delphi method](#)

2017년 4월 13일 목요일, 오전 3:50:27 | Lee, Kunsei; Kim, Hyun Joo; You, Myoungsoon; et al.

Title: Defining the activities of publicness for Korea ' s public community hospitals using the Delphi method

Author(s): Lee, Kunsei; Kim, Hyun Joo; You, Myoungsoon; et al.

Source: MEDICINE, 96 (11): MAR 2017

Document Type: Article

[Discovery of gastric cancer specific biomarkers by the application of serum](#)

proteomics

2017년 4월 13일 목요일, 오전 3:50:27 | Yoo, Moon-Won; Park, Jisook; Han, Hye-Seung; et al.

Title: Discovery of gastric cancer specific biomarkers by the application of serum proteomics

Author(s): Yoo, Moon-Won; Park, Jisook; Han, Hye-Seung; et al.

Source: PROTEOMICS, 17 (6): MAR 2017

Document Type: Article

Efficacy, safety and albuminuria-reducing effect of gemigliptin in Korean type 2 diabetes patients with moderate to severe renal impairment: A 12-week, double-blind randomized study (the GUARD Study)

2017년 4월 9일 일요일, 오전 3:50:41 | Yoon, Sun A.; Han, Byoung G.; Kim, Sung G.; et al.

Title: Efficacy, safety and albuminuria-reducing effect of gemigliptin in Korean type 2 diabetes patients with moderate to severe renal impairment: A 12-week, double-blind randomized study (the GUARD Study)

Author(s): Yoon, Sun A.; Han, Byoung G.; Kim, Sung G.; et al.

Source: DIABETES OBESITY & METABOLISM, 19 (4): 590-598 APR 2017

Document Type: Article

Rosiglitazone enhances radiosensitivity by inhibiting repair of DNA damage in cervical cancer cells

2017년 4월 9일 일요일, 오전 3:50:41 | An, Zhengzhe; Yu, Jae-Ran; Park, Woo-Yoon

Title: Rosiglitazone enhances radiosensitivity by inhibiting repair of DNA damage in cervical cancer cells

Author(s): An, Zhengzhe; Yu, Jae-Ran; Park, Woo-Yoon

Source: RADIATION AND ENVIRONMENTAL BIOPHYSICS, 56 (1): 89-98 MAR 2017

Document Type: Article

THE RELATED FACTORS WITH CHANGE IN THE SGRQ SCORES OVER 3 YEARS IN PATIENTS WITH MILD TO MODERATE COPD

2017년 4월 9일 일요일, 오전 3:50:41 | Kim, In Ae; Park, Yong Bum; Kim, Hyun Ai; et al.

Title: THE RELATED FACTORS WITH CHANGE IN THE SGRQ SCORES OVER 3 YEARS IN PATIENTS WITH MILD TO MODERATE COPD

Author(s): Kim, In Ae; Park, Yong Bum; Kim, Hyun Ai; et al.

Source: RESPIROLOGY, 22: 12-12 MAR 2017

Document Type: Meeting Abstract

Diagnostic Efficacy of Structural MRI in Patients With Mild-toModerate Alzheimer Disease: Automated Volumetric Assessment Versus Visual Assessment

2017년 4월 9일 일요일, 오전 3:50:41 | Min, Jeeyoung; Moon, Won-Jin; Jeon, Ji Young; et al.

Title: Diagnostic Efficacy of Structural MRI in Patients With Mild-toModerate Alzheimer Disease: Automated Volumetric Assessment Versus Visual Assessment

Author(s): Min, Jeeyoung; Moon, Won-Jin; Jeon, Ji Young; et al.

Source: AMERICAN JOURNAL OF ROENTGENOLOGY, 208 (3): 617-623 MAR 2017

Document Type: Article

The Effect of Sleep Disordered Breathing on Olfactory Functions: Analysis by Apnea-Hypopnea Index

2017년 4월 9일 일요일, 오전 3:50:41 | Shin, Dong-Hyuk; Ahn, Sung Hwan; Yang, Youngsoo; et al.

Title: The Effect of Sleep Disordered Breathing on Olfactory Functions: Analysis by Apnea-Hypopnea Index

Author(s): Shin, Dong-Hyuk; Ahn, Sung Hwan; Yang, Youngsoo; et al.

Source: CLINICAL AND EXPERIMENTAL OTORHINOLARYNGOLOGY, 10 (1): 71-76 MAR 2017

Document Type: Article

[Altered Network Characteristics of Spike-Wave Discharges in Juvenile Myoclonic Epilepsy](#)

2017년 4월 9일 일요일, 오전 3:50:41 | Lee, Chany; Im, Chang-Hwan; Koo, Yong Seo; et al.

Title: Altered Network Characteristics of Spike-Wave Discharges in Juvenile Myoclonic Epilepsy

Author(s): Lee, Chany; Im, Chang-Hwan; Koo, Yong Seo; et al.

Source: CLINICAL EEG AND NEUROSCIENCE, 48 (2): 111-117 MAR 2017

Document Type: Article

[Rapid Alanine Aminotransferase Normalization with Entecavir and Hepatocellular Carcinoma in Hepatitis B Virus-Associated Cirrhosis](#)

2017년 4월 9일 일요일, 오전 3:50:41 | Kim, Eui Joo; Yeon, Jong Eun; Kwon, Oh Sang; et al.

Title: Rapid Alanine Aminotransferase Normalization with Entecavir and Hepatocellular Carcinoma in Hepatitis B Virus-Associated Cirrhosis

Author(s): Kim, Eui Joo; Yeon, Jong Eun; Kwon, Oh Sang; et al.

Source: DIGESTIVE DISEASES AND SCIENCES, 62 (3): 808-816 MAR 2017

Document Type: Article

[Surgical Treatment of Nonlesional Neocortical Epilepsy Long-term Longitudinal Study](#)

2017년 4월 9일 일요일, 오전 3:50:41 | Kim, Dong Wook; Lee, Sang Kun; Moon, Hye-Jin; et al.

Title: Surgical Treatment of Nonlesional Neocortical Epilepsy Long-term Longitudinal Study

Author(s): Kim, Dong Wook; Lee, Sang Kun; Moon, Hye-Jin; et al.

Source: JAMA NEUROLOGY, 74 (3): 322-329 MAR 1 2017

Document Type: Article

[The impact of parity and age at first and last](#)

[childbirth on the prevalence of delayed-onset asthma in women: The Korean National Health and Nutrition Examination Survey](#)

2017년 4월 9일 일요일, 오전 3:50:41 | Choi, Ji Ho; Lee, Bora; Do Han, Kyung; et al.

Title: The impact of parity and age at first and last childbirth on the prevalence of delayed-onset asthma in women: The Korean National Health and Nutrition Examination Survey

Author(s): Choi, Ji Ho; Lee, Bora; Do Han, Kyung; et al.

Source: MATURITAS, 97: 22-27 MAR 2017

Document Type: Article

[Optimal planning strategy among various arc arrangements for prostate stereotactic body radiotherapy with volumetric modulated arc therapy technique](#)

2017년 4월 9일 일요일, 오전 3:50:41 | Kang, Sang Won; Chung, Jin Beom; Kim, Jae Sung; et al.

Title: Optimal planning strategy among various arc arrangements for prostate stereotactic body radiotherapy with volumetric modulated arc therapy technique

Author(s): Kang, Sang Won; Chung, Jin Beom; Kim, Jae Sung; et al.

Source: RADIOLOGY AND ONCOLOGY, 51 (1): 113-120 MAR 2017

Document Type: Article

[Platelet-activating Factor Mediates Endotoxin Tolerance by Regulating Indoleamine 2,3-Dioxygenase-dependent Expression of the Suppressor of Cytokine Signaling 3](#)

2017년 4월 9일 일요일, 오전 3:50:41 | Noh, Kyung Tae; Jung, In Duk; Cha, Gil Sun; et al.

Title: Platelet-activating Factor Mediates Endotoxin Tolerance by Regulating Indoleamine 2,3-Dioxygenase-dependent Expression of the Suppressor of Cytokine Signaling 3

Author(s): Noh, Kyung Tae; Jung, In Duk; Cha, Gil Sun; et al.

Source: JOURNAL OF BIOLOGICAL CHEMISTRY, 292 (8): 3290-3298 FEB 24 2017

Document Type: Article

Hypothalamic neuronal origin of neuropeptide Y (NPY) or cocaine- and amphetamine-regulated transcript (CART) fibers projecting to the tuberomammillary nucleus of the rat

2017년 4월 9일 일요일, 오전 3:50:41 | Lee, Eun Y.; Hwang, Young G.; Lee, Hyun S.

Title: Hypothalamic neuronal origin of neuropeptide Y (NPY) or cocaine- and amphetamine-regulated transcript (CART) fibers projecting to the tuberomammillary nucleus of the rat

Author(s): Lee, Eun Y.; Hwang, Young G.; Lee, Hyun S.

Source: BRAIN RESEARCH, 1657: 16-28 FEB 15 2017

Document Type: Article

Isolated cerebellar atrophy due to rodenticide (beta-fluoroethyl acetate) intoxication

2017년 4월 9일 일요일, 오전 3:50:41 | Jin, Jae Hyun; Lee, Eek-Sung; Choi, Jeong-Yoon; et al.

Title: Isolated cerebellar atrophy due to rodenticide (beta-fluoroethyl acetate) intoxication

Author(s): Jin, Jae Hyun; Lee, Eek-Sung; Choi, Jeong-Yoon; et al.

Source: JOURNAL OF THE NEUROLOGICAL SCIENCES, 373: 208-209 FEB 15 2017

Document Type: Letter

Kinetin Improves Barrier Function of the Skin by Modulating Keratinocyte Differentiation Markers

2017년 4월 9일 일요일, 오전 3:50:41 | An, Sungkwan; Cha, Hwa Jun; Ko, Jung-Min; et al.

Title: Kinetin Improves Barrier Function of the Skin by Modulating Keratinocyte

Differentiation Markers

Author(s): An, Sungkwan; Cha, Hwa Jun; Ko, Jung-Min; et al.

Source: ANNALS OF DERMATOLOGY, 29 (1): 6-12 FEB 2017

Document Type: Article

[Predictors of general discomfort, limitations in activities of daily living and intention of a second donation in unrelated hematopoietic stem cell donation](#)

2017년 4월 9일 일요일, 오전 3:50:41 | Lee, M. H.; Jang, J. H.; Min, H. J.; et al.

Title: Predictors of general discomfort, limitations in activities of daily living and intention of a second donation in unrelated hematopoietic stem cell donation

Author(s): Lee, M. H.; Jang, J. H.; Min, H. J.; et al.

Source: BONE MARROW TRANSPLANTATION, 52 (2): 258-263 FEB 2017

Document Type: Article

[Three-Dimensional Analysis of Morphologic Changes and Visual Outcomes in Neovascular Age-Related Macular Degeneration](#)

2017년 4월 9일 일요일, 오전 3:50:41 | Lee, Hyungwoo; Jo, Aerin; Kim, Hyung Chan

Title: Three-Dimensional Analysis of Morphologic Changes and Visual Outcomes in Neovascular Age-Related Macular Degeneration

Author(s): Lee, Hyungwoo; Jo, Aerin; Kim, Hyung Chan

Source: INVESTIGATIVE OPHTHALMOLOGY & VISUAL SCIENCE, 58 (2): FEB 2017

Document Type: Article

[Analysis of Korean acne patients according to age groups based on two multicenter studies](#)

2017년 4월 9일 일요일, 오전 3:50:41 | Park, Mi Youn; Kim, Kyung Ho; Kang, Hoon; et al.

Title: Analysis of Korean acne patients according to age groups based on two multicenter studies

Author(s): Park, Mi Youn; Kim, Kyung Ho; Kang, Hoon; et al.

Source: JOURNAL OF DERMATOLOGY, 44 (2): 186-188 FEB 2017

Document Type: Article

[Effects of thyroid hormone withdrawal on metabolic and cardiovascular parameters during radioactive iodine therapy in differentiated thyroid cancer](#)

2017년 4월 9일 일요일, 오전 3:50:41 | An, Jee Hyun; Song, Kee-Ho; Kim, Dong-Lim; et al.

Title: Effects of thyroid hormone withdrawal on metabolic and cardiovascular parameters during radioactive iodine therapy in differentiated thyroid cancer

Author(s): An, Jee Hyun; Song, Kee-Ho; Kim, Dong-Lim; et al.

Source: JOURNAL OF INTERNATIONAL MEDICAL RESEARCH, 45 (1): 38-50 FEB 2017

Document Type: Article

[Influence of personality on depression, burden, and health-related quality of life in family caregivers of persons with dementia](#)

2017년 4월 7일 금요일, 오전 3:50:31 | Kim, Sun Kyung; Park, Myonghwa; Lee, Yunhwan; et al.

Title: Influence of personality on depression, burden, and health-related quality of life in family caregivers of persons with dementia

Author(s): Kim, Sun Kyung; Park, Myonghwa; Lee, Yunhwan; et al.

Source: INTERNATIONAL PSYCHOGERIATRICS, 29 (2): 227-237 FEB 2017

Document Type: Article

[Reply to Letter: Comparing direct and video laryngoscopy for urgent intubation during chest compression](#)

2017년 4월 7일 금요일, 오전 3:50:31 | Kim, Jong Won; Park, Sang O.; Lee, Kyeong Ryong; et al.

Title: Reply to Letter: Comparing direct and video laryngoscopy for urgent intubation during chest compression

Author(s): Kim, Jong Won; Park, Sang O.; Lee, Kyeong Ryong; et al.

Source: RESUSCITATION, 111: E3-E3 FEB 2017

Document Type: Letter

[Therapeutic Potential of Induced Neural Stem Cells for Parkinson's Disease](#)

2017년 4월 7일 금요일, 오전 3:50:31 | Choi, Dong-Hee; Kim, Ji-Hye; Kim, Sung Min; et al.

Title: Therapeutic Potential of Induced Neural Stem Cells for Parkinson's Disease

Author(s): Choi, Dong-Hee; Kim, Ji-Hye; Kim, Sung Min; et al.

Source: INTERNATIONAL JOURNAL OF MOLECULAR SCIENCES, 18 (1): JAN 2017

Document Type: Article

[Surgical management of parotid salivary duct rupture secondary to non-iatrogenic trauma in a dog](#)

2017년 4월 3일 월요일, 오전 3:50:56 | Yoon, Hun-Young; Min, Byong-Su; Kim, Sun-Young; et al.

Title: Surgical management of parotid salivary duct rupture secondary to non-iatrogenic trauma in a dog

Author(s): Yoon, Hun-Young; Min, Byong-Su; Kim, Sun-Young; et al.

Source: JOURNAL OF VETERINARY MEDICAL SCIENCE, 79 (1): 82-85 JAN 2017

Document Type: Article

[Primary intrapelvic hemangiosarcoma in a dog](#)

2017년 4월 3일 월요일, 오전 3:50:56 | Yoo, Saejong; Kim, Jiyong; Myung, Hyun-Wook; et al.

Title: Primary intrapelvic hemangiosarcoma in a dog

Author(s): Yoo, Saejong; Kim, Jiyong; Myung, Hyun-Wook; et al.

Source: JOURNAL OF VETERINARY MEDICAL SCIENCE, 79 (1): 192-196 JAN 2017

Document Type: Article

[Immunohistochemical evidence of axonal regrowth across polyethylene glycol-fused](#)

[cervical cords in mice](#)

2017년 4월 3일 월요일, 오전 3:50:56 | Kim, C-Yoon; Oh, Hanseul; Ren, Xiaoping; et al.

Title: Immunohistochemical evidence of axonal regrowth across polyethylene glycol-fused cervical cords in mice

Author(s): Kim, C-Yoon; Oh, Hanseul; Ren, Xiaoping; et al.

Source: NEURAL REGENERATION RESEARCH, 12 (1): 149-150 JAN 2017

Document Type: Letter

[Physiological Effects of Ac4ManNAz and Optimization of Metabolic Labeling for Cell Tracking](#)

2017년 4월 3일 월요일, 오전 3:50:56 | Han, Sang-Soo; Lee, Dong-Eun; Shim, Hye-Eun; et al.

Title: Physiological Effects of Ac4ManNAz and Optimization of Metabolic Labeling for Cell Tracking

Author(s): Han, Sang-Soo; Lee, Dong-Eun; Shim, Hye-Eun; et al.

Source: THERANOSTICS, 7 (5): 1164-1176 2017

Document Type: Article

[A preliminary study of new single polymorphisms in the T helper type 17 pathway for psoriasis in the Korean population](#)

2017년 4월 1일 토요일, 오전 3:50:47 | Kim, S. Y.; Hur, M. S.; Choi, B. G.; et al.

Title: A preliminary study of new single polymorphisms in the T helper type 17 pathway for psoriasis in the Korean population

Author(s): Kim, S. Y.; Hur, M. S.; Choi, B. G.; et al.

Source: CLINICAL AND EXPERIMENTAL IMMUNOLOGY, 187 (2): 251-258 FEB 2017

Document Type: Article

[A Single-Step Enrichment Medium for Nonchromogenic Isolation of Healthy and](#)

Cold-Injured Salmonella spp. from Fresh Vegetables

2017년 4월 1일 토요일, 오전 3:50:47 | Kim, Hong-Seok; Choi, Dasom; Kang, Il-Byeong; et al.

Title: A Single-Step Enrichment Medium for Nonchromogenic Isolation of Healthy and Cold-Injured Salmonella spp. from Fresh Vegetables

Author(s): Kim, Hong-Seok; Choi, Dasom; Kang, Il-Byeong; et al.

Source: *FOODBORNE PATHOGENS AND DISEASE*, 14 (2): 84-88 FEB 2017

Document Type: Article

EVIDENCE OF TAMSULOSIN 0.4 MG AS INITIAL DOSE IN ASIAN BPH PATIENTS: CONSIDERATION THROUGH NETWORK META-ANALYSIS OF RANDOMIZED CONTROLLED TRIALS

2017년 4월 1일 토요일, 오전 3:50:47 | Kim, Su Jin; Kim, Khae Hawn; Cho, Sung Tae; et al.

Title: EVIDENCE OF TAMSULOSIN 0.4 MG AS INITIAL DOSE IN ASIAN BPH PATIENTS: CONSIDERATION THROUGH NETWORK META-ANALYSIS OF RANDOMIZED CONTROLLED TRIALS

Author(s): Kim, Su Jin; Kim, Khae Hawn; Cho, Sung Tae; et al.

Source: *NEUROUROLOGY AND URODYNAMICS*, 36: S56-S57 FEB 2017

Document Type: Meeting Abstract

MOLECULAR BIOLOGIC STUDY ABOUT THE CIRCADIAN RHYTHMIC CONTROL OF MICTURATION FUNCTION

2017년 4월 1일 토요일, 오전 3:50:47 | Kim, Su Jin; Chung, Kyung Jin; Kim, Sae Woong; et al.

Title: MOLECULAR BIOLOGIC STUDY ABOUT THE CIRCADIAN RHYTHMIC CONTROL OF MICTURATION FUNCTION

Author(s): Kim, Su Jin; Chung, Kyung Jin; Kim, Sae Woong; et al.

Source: *NEUROUROLOGY AND URODYNAMICS*, 36: S21-S22 FEB 2017

Document Type: Meeting Abstract

LONG-TERM EFFICACY OF ENDOSCOPIC ABLATION OF THE HUNNER'S LESION IN PATIENTS WITH INTERSTITIAL CYSTITIS/BLADDER PAIN SYNDROME

2017년 4월 1일 토요일, 오전 3:50:47 | Ko, Kwang Jin; Kim, Hyeong Gon; Lee, Kyu-Sung

Title: LONG-TERM EFFICACY OF ENDOSCOPIC ABLATION OF THE HUNNER'S LESION IN PATIENTS WITH INTERSTITIAL CYSTITIS/BLADDER PAIN SYNDROME

Author(s): Ko, Kwang Jin; Kim, Hyeong Gon; Lee, Kyu-Sung

Source: NEUROUROLOGY AND URODYNAMICS, 36: S130-S130 FEB 2017

Document Type: Meeting Abstract

Clinical outcomes of operative repair of complete rupture of the proximal interphalangeal joint collateral ligament: Comparison with non-operative treatment

2017년 4월 1일 토요일, 오전 3:50:47 | Lee, Seoung Joon; Lee, Jun Hee; Hwang, In Cheul; et al.

Title: Clinical outcomes of operative repair of complete rupture of the proximal interphalangeal joint collateral ligament: Comparison with non-operative treatment

Author(s): Lee, Seoung Joon; Lee, Jun Hee; Hwang, In Cheul; et al.

Source: ACTA ORTHOPAEDICA ET TRAUMATOLOGICA TURCICA, 51 (1): 44-48 2017

Document Type: Article

Complexities of Bleeding During Spine Surgery: It'll Take Your (Mechanical) Breath Away Reply

2017년 4월 1일 토요일, 오전 3:50:47 | Kang, Woon-Seok; Kim, Tae-Hoon; Kim, Seong-Hyop

Title: Complexities of Bleeding During Spine Surgery: It'll Take Your (Mechanical)

Breath Away Reply

Author(s): Kang, Woon-Seok; Kim, Tae-Hoon; Kim, Seong-Hyop

Source: ANESTHESIOLOGY, 126 (1): 196-196 JAN 2017

Document Type: Letter

[Autophagy and KRT8/keratin 8 protect degeneration of retinal pigment epithelium under oxidative stress](#)

2017년 4월 1일 토요일, 오전 3:50:47 | Baek, Ahruem; Yoon, Soojin; Kim, Jean; et al.

Title: Autophagy and KRT8/keratin 8 protect degeneration of retinal pigment epithelium under oxidative stress

Author(s): Baek, Ahruem; Yoon, Soojin; Kim, Jean; et al.

Source: AUTOPHAGY, 13 (2): 248-263 2017

Document Type: Article

[Impact of remote ischaemic preconditioning on cerebral oxygenation during total knee arthroplasty](#)

2017년 4월 1일 토요일, 오전 3:50:47 | Oh, Chung-Sik; Kim, Seong-Hyop; Lee, Jaemoon; et al.

Title: Impact of remote ischaemic preconditioning on cerebral oxygenation during total knee arthroplasty

Author(s): Oh, Chung-Sik; Kim, Seong-Hyop; Lee, Jaemoon; et al.

Source: INTERNATIONAL JOURNAL OF MEDICAL SCIENCES, 14 (2): 115-122 2017

Document Type: Article

[Correction of Sagittal Craniosynostosis Using Distraction Osteogenesis Based on Strategic Categorization](#)

2017년 4월 1일 토요일, 오전 3:50:47 | Chul, Myung; Shim, Kyu Won; Yun, In Sik; et al.

Title: Correction of Sagittal Craniosynostosis Using Distraction Osteogenesis Based on Strategic Categorization

Author(s): Chul, Myung; Shim, Kyu Won; Yun, In Sik; et al.

Source: PLASTIC AND RECONSTRUCTIVE SURGERY, 139 (1): 157-169 JAN 2017

Document Type: Article

[Use of a double-wire woven uncovered nitinol stent for the treatment of refractory tracheal collapse in a dog: a case report](#)

2017년 4월 1일 토요일, 오전 3:50:47 | Yoon, H. Y.; Choi, J. W.; Kim, Ji H.; et al.

Title: Use of a double-wire woven uncovered nitinol stent for the treatment of refractory tracheal collapse in a dog: a case report

Author(s): Yoon, H. Y.; Choi, J. W.; Kim, Ji H.; et al.

Source: VETERINARNI MEDICINA, 62 (2): 98-104 2017

Document Type: Article