

연자 약력

[개인정보]

소 속 : 메디컬아이피 주식회사

직 책 : CEO

성 명 : 박 상 준



[학력사항]

- 2007 - 2011 서울대학교 의과대학 방사선응용과학 박사
- 2005 - 2007 서울대학교 의과대학 방사선응용과학 석사
- 1997 - 2003 강원대학교 공과대학 컴퓨터공학 학사

[경력사항]

· 2015 – 메디컬아이피 대표이사

- 2020 - 서울대학교 의과대학 영상의학교실 겸임부교수
- 2022 - 한국스마트의료기기산업진흥재단 규제혁신위원회 위원장
- 2022 - 디지털헬스케어연합포럼 의료교육이사
- 2022 - 한국메타버스산업협회 부회장 (헬스케어분과 위원장)
- 2022 - 의료메타버스학회 대외협력이사
- 2021 - 대한디지털헬스학회 산학관이사
- 2021 - 한국표준협회 융합서비스분과 전문위원
- 2020 - 보건복지부 신의료기술평가위원회 융합분과 전문위원
- 2019 - 3D융합산업협회 부회장
- 2019 - 2020 대한의학영상정보학회 학술이사; 2021 - 산학이사
- 2018 - 2021 대한메디컬3D프린팅학회 학술이사; 2022 - 대외협력이사
- 2018 - 국가기술표준원(ISO/TC 261) 적층제조 전문위원
- 2017 - 과학기술정보통신부 의료영상융합기술분야 전문위원
- 2015 - 2021 서울대학교병원 의료기기혁신센터 부센터장(의료영상기기 명품화지원실 실장)
- 2016 - 2021 서울대학교병원 영상의학과 연구부교수
- 2012 - 2016 서울대학교병원 영상의학과 연구조교수
- 2011 - 2012 서울대학교 의과대학 영상의학교실 선임연구원(Post-doc)

[수상경력]

- 2022 과학기술정보통신부 장관 표창 · 2022 보건복지부 장관 표창 · 2021 산업통상자원부 장관 표창 · 2020 중소벤처기업부 장관 표창 · 2019 과학기술정보통신부 장관 표창 · 2019 춘천시장 표창 · 2019 보건산업진흥원장 표창

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- Best Poster Award, Seoul National University College of Medicine 2018 Institute of Radiation Medicine Symposium, Republic of Korea, 29, May. 2018
 - Best Poster Award, Seoul National University College of Medicine 2017 Institute of Radiation Medicine Symposium, Republic of Korea, 19, Sep. 2017
 - Scientific Presentation Award, 1st AOWPFI & 8th JSPFI, Japan, 31, Jan. 2016
 - Best Poster Award, The Korean Society of Medical & Biological Engineering (KOSOMBE), Republic of Korea, 8, Nov. 2013
 - Convergence Computing Session 1st award, The Institute of Electronics and Information Engineers (IEIE), Republic of Korea, 5, Jul. 2013
 - Certificate of Merit, 3rd World Congress of Thoracic Imaging (WCTI), Republic of Korea, 11, Jun. 2013
 - Academic Award, Intelligent Lung Image Processing Contest in Korean Society of Imaging Informatics in Medicine (KSIIIM), Republic of Korea, 7, Jul. 2012
 - SCI Paper Award, Seoul National University College of Medicine 2011 Institute of Radiation Medicine Symposium, Republic of Korea, 29, Sep. 2011
 - Best Poster Award, International Forum on Medical Imaging in Asia (IFMIA), Japan, 19, Jan. 2011
 - 1st Prize, Computer Assisted Radiology and Surgery (CARS), Spain, 28, Jun. 2008
 - Prize for Excellence in Student Paper Competition, The Korean Society Medical and Biological Engineering (KOSOMBE), Republic of Korea, 9, Nov. 2007
 - Prize for Encouragement, Association for Computer-aided Diagnosis, Republic of Korea, 2, Jun. 2007
 - Student Travel Fund Award, Asia Pacific Association for Medical Informatics (APAMI), Taiwan, 29, Oct. 2006

[학술활동]

- **Reviewer for** Medical Physics; IEEE Transactions on Medical Imaging; IEEE Journal of Biomedical and Health Informatics; British Journal of Ophthalmology; International Journal of Cancer and Clinical Research; Computers in Biology and Medicine; BMC Medical Imaging; Abdominal Radiology; Korean Journal of Radiology; International Journal of Diagnostic Imaging; Oncotarget; British Journal of Radiology; 3D Printing in Medicine
- **Associate Editor For** BMC Medical Imaging

[관심분야]

- Image Enhancement, Segmentation, Augmentation and Visualization
 - Imaging Biomarker (development and evaluation)
 - Computer-oriented Analysis (algorithm and application)
 - Medical 3D Printing
 - AI (deep Learning) in Medicine
 - Metaverse (virtual/augmented reality) in Healthcare
 - Education
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[주요논문]

- SCI 91 / SCIE 2 / Proceeding 11 / Conference Paper 81 / Patents Domestic 36 · Abroad 19
 - Invited Lectures 276
 - (First Author) Park SJ, Lee CH, Goo JM, et al. Quantitative analysis of dynamic airway changes after methacholine and salbutamol inhalation on xenon-enhanced chest CT. *European radiology*. 2012;22(11):2441-50.
 - (First Author) Park SJ, Lee CH, Goo JM, Heo CY, Kim JH. Inter-scan repeatability of CT-based lung densitometry in the surveillance of emphysema in a lung cancer screening setting. *European journal of radiology*. 2012;81(4):e554-60.
 - (Coauthor) Chae HD, Park CM, Park SJ, Lee SM, Kim KG, Goo JM. Computerized Texture Analysis of Persistent Part-Solid Ground-Glass Nodules: Differentiation of Preinvasive Lesions from Invasive Pulmonary Adenocarcinomas. *Radiology*. 2014:132187.
 - (Corresponding author) Ryu YJ, Choi SH, Park SJ, Yun TJ, Kim JH, Sohn CH. Glioma: application of whole-tumor texture analysis of diffusion-weighted imaging for the evaluation of tumor heterogeneity. *PloS one*. 2014;9(9):e108335.
 - (Coauthor) You SK, Choi YH, Park SJ, et al. Quantitative Sonographic Texture Analysis in Preterm Neonates With White Matter Injury: Correlation of Texture Features With White Matter Injury Severity. *Journal of ultrasound in medicine : official journal of the American Institute of Ultrasound in Medicine*. 2015;34(11):1931-40.
 - (Coauthor) Ahn SJ, Kim JH, Park SJ, Han JK. Prediction of the therapeutic response after FOLFOX and FOLFIRI treatment for patients with liver metastasis from colorectal cancer using computerized CT texture analysis. *European journal of radiology*. 2016;85:1867-74.
 - (Corresponding author) Chun YS, Park HH, Park IK, Moon NJ, Park SJ, Lee JK. Topographic analysis of eyelid position using digital image processing software. *Acta ophthalmologica*. 2017;95(7):e625-e32.
 - (Coauthor) Nam K, Suh YJ, Han K, Park SJ, Kim YJ, Choi BW. Value of Computed Tomography Radiomic Features for Differentiation of Periprosthetic Mass in Patients With Suspected Prosthetic Valve Obstruction. *Circulation Cardiovascular imaging*. 2019;12(11):e009496.
 - (Review Article) Goo HW, Park SJ, Yoo SJ. Advanced Medical Use of Three-Dimensional Imaging in Congenital Heart Disease: Augmented Reality, Mixed Reality, Virtual Reality, and Three-Dimensional Printing. *Korean journal of radiology*. 2020;21(2):133-45.
 - (Corresponding author) Measurement of proptosis using computed tomography based three-dimensional reconstruction software in patients with Graves' orbitopathy. *Scientific reports*. 2020;10(1):14554.
 - (Corresponding author) Dho YS, Lee D, Ha T, Park SJ, et al. Clinical application of patient-specific 3D printing brain tumor model production system for neurosurgery. *Scientific reports*. 2021;11(1):7005.
 - (Coauthor) Kim SH, Jeong JB, Kang J, et al. Association between sarcopenia level and metabolic syndrome. *PloS one*. 2021;16(3):e0248856.
 - (Corresponding author) Bae JW, Lee DY, Pang CH, et al. Clinical application of 3D virtual and printed models for cerebrovascular diseases. *Clinical neurology and neurosurgery*. 2021;206:10671
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