

## 정수진·권용진·박민찬

### A Case of Sacroiliitis Diagnosed with Positron-Emission Tomography with Normal Magnetic Resonance Imaging Finding

Soo-Jin Chung, Yong-Jin Kwon, Min-Chan Park

Division of Rheumatology, Department of Internal Medicine,  
Yonsei University College of Medicine, Seoul, Korea

증례 nance imaging, MRI)  
환자: 30 ( 1), (positron-emission tomography, PET)  
주소: 2 (FDG) , fluorodeoxyglucose  
과거력: 4 진단:  
이학적 소견: 치료 및 경과: sulfasalazine

검사실 소견: 고찰  
CCP , HLA-B27 , ,  
방사선 소견: (magnetic reso-

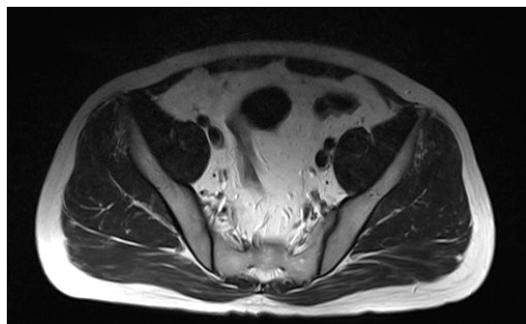
<접수일 : 2009년 12월 28일, 수정일 : 2010년 6월 11일, 심사통과일 : 2010년 6월 13일>

※통신저자 : 박민찬

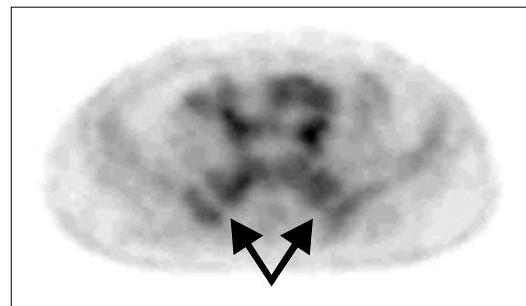
서울시 강남구 언주로 712

연세대학교 의과대학 내과학교실 류마티스내과

Tel : 02) 2019-3337, Fax : 02) 2019-3508, E-mail : mcpark@yuhs.ac



**Fig. 1.** T2-weighted transverse scan. Sacroiliac joints are grossly normal without pathologic change.



**Fig. 2.** Mild to moderate degree of increased FDG accumulation along the articular surface of bilateral sacroiliac joints.

- , ,
- (1-3).
- ,
- (4),
- ,
- ,
- ,

#### 참고문헌

1) Ovadia D, Metser U, Lievshitz G, Yaniv M, Wientroub

S, Even-Sapir E. Back pain in adolescents: assessment with integrated 18F-fluoride positron-emission tomography-computed tomography. *J Pediatr Orthop* 2007;27:90-3.

- 2) Akdeniz O, Alayli G, Tosun FC, Diren B, Cengiz K, Selcuk MB, et al. Early spondyloarthropathy: scintigraphic, biological, and clinical findings in MRI-positive patients. *Clin Rheumatol* 2008;27:469-74.
- 3) Heuft-Dorenbosch L, Landewe R, Weijers R, Wanders A, Houben H, van der Linden S, et al. Combining information obtained from magnetic resonance imaging and conventional radiographs to detect sacroiliitis in patients with recent onset inflammatory back pain. *Ann Rheum Dis* 2006;65:804-8.
- 4) Puuhakka KB, Melsen F, Jurik AG, Boel LW, Vesterby A, Egund N. MR imaging of the normal sacroiliac joint with correlation to histology. *Skeletal Radiol* 2004;33: 1-15.