TEST YOURSELF: QUESTION

Sudden onset of severe anterior knee pain and knee locking during sleep

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42-year-old man awakened from sleep by excruciating pain, unable to fully extend his knee Figs. 1, 2, 3 and 4.

The diagnosis can be found at doi: 10.1007/s00256-015-2288-0

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Fig. 1 Immediate lateral radiograph

Fig. 2 Initial MRI sequences. PD coronal right knee (a); PD Fat sat sagittal right knee (b); GRE FLASH sagittal right knee (c)

Fig. 3 Additional MRI sequences 12 h later, following spontaneous resolution of symptoms. T1 coronal right knee (a); T2 FRTSE sagittal right knee (b); T1 Fat sat sagittal post contrast right knee (c)

Fig. 4 Haematoxylin and eosin stain (a). Original magnification was 20×; Haematoxylin and eosin stain (b). Original magnification was 200×