

통증 및 근골격재활

게시일시 및 장소 : 10 월 18 일(금) 08:30-12:20 Room G(3F)

질의응답 일시 및 장소 : 10 월 18 일(금) 10:00-10:45 Room G(3F)

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### **Spinal cord injury by direct damage during trigger point injection: A case report**

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Trigger point injection (TPI) is commonly performed for the management of myofascial pain syndrome, but can occasionally lead to complications such as bleeding, muscle hematoma, vasovagal syncope, skin infection, and pneumothorax. This study reports on the first case of iatrogenic spinal cord injury (SCI) caused by TPI. A 59-year-old woman experienced an electric shock sensation throughout the lower extremity upon receiving TPI by blind injection in the left thoracolumbar paraspinal muscle, and later complained of weakness (manual muscle test grade: 0–2) and neuropathic pain (numeric rating scale: 7) in the lower left extremity. Thoracolumbar magnetic resonance imaging (MRI) performed 3 days after TPI revealed a high T2 signal in the left T12 to L2 spinal cord segments, and electrophysiological recordings performed 11 days after TPI revealed no response of central motor conduction time in the left leg in concordance with findings from the MRI. Seven months after the onset, the patient's motor weakness partially recovered.