

1974

1973-1975

In 1974 the Institute of Neurological Sciences, Glasgow, was a world leader in brain injury research and clinical care. Professor Jennett and Mr Teasdale, (at that time a neurosurgical senior registrar), published a paper in the Lancet on the Assessment of Coma and Impaired Consciousness that proposed a structured method of assessment that would become known as the [Glasgow Coma Scale](#). Forty years on, Sir Graham led a project to understand the current use of the Glasgow Coma Scale, its successes and its perceived shortcomings.

The acronym [SCIWORA](#) ([Spinal Cord Injury](#) Without Radiographic Abnormality) was first developed and introduced by Pang and Wilberger who used it to define “clinical symptoms of traumatic [myelopathy](#) with no radiographic or computed tomographic features of [spinal fracture](#) or [instability](#)”. The first case of SCIWORA was reported by Burke in 1974 ¹⁾.

Idiopathic [spinal cord herniation](#) (ISCH) is an uncommon cause of [thoracic myelopathy](#) in which the [spinal cord](#) herniates or prolapses through an anterior or lateral defect in the [dura mater](#).

This dural defect of unknown origin, is distinguished from herniation with a documented traumatic cause or with postoperative origin. Since the first report of idiopathic spinal cord herniation was published by Wortzman et al in 1974 ²⁾.

In 1974, Anderson and D'Alonzo modified Schatzker's [odontoid fracture classification](#) extending the scheme to include those that involved the vertebral body (Type III fractures) ³⁾

Lumbar [juxtafacet cyst](#) was first diagnosed clinically in 1968 ⁴⁾.

Kao et al. later confirmed this in 1974 ⁵⁾.

Department of Neurosurgery, [Hiroshima University Hospital](#) (HUH) was established on September of 1974 and started its clinical service from April of 1975 by Professor Emeritus [Tohru UOZUMI](#).

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Burke DC. Traumatic spinal paralysis in children. Paraplegia. 1974 Feb;11(4):268-76. PubMed PMID: 4827225.

²⁾

Wortzman G, Tasker RR, Rewcastle NB, Richardson JC, Pearson FG. Spontaneous incarcerated

herniation of the spinal cord into a vertebral body: a unique cause of paraplegia. Case report. J Neurosurg. 1974 Nov;41(5):631-5. PubMed PMID: 4424434.

³⁾

Anderson LD, D'Alonzo RT. Fractures of the odontoid process of the axis. 1974. J Bone Joint Surg Am. 2004 Sep;86(9):2081. PubMed PMID: 15342776.

⁴⁾

Kao CC, Uihlein A, Bickel WH, Soule EH. Lumbar intraspinal extradural ganglion cyst. J Neurosurg. 1968 Aug;29(2):168-72. PubMed PMID: 5673315.

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Kao CC, Winkler SS, Turner JH. Synovial cyst of spinal facet. Case report. J Neurosurg. 1974 Sep;41(3):372-6. PubMed PMID: 4416019.

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