

KNUT WESTER, MD, PhD

SPECIALTY

Neurosurgery

POSITION

Professor Emeritus, University of Bergen, Norway
Past Professor and Chairman, Department of Neurosurgery, Haukeland University Hospital, Norway
Visiting Professor, Neurosurgery, Medical Faculty, Addis Ababa University, Ethiopia

CERTIFICATION

Neurosurgery, Norwegian Medical Association

EDUCATION

Doctor of Medicine, University of Oslo, Norway
PhD, University of Oslo, Norway

INTERNSHIP

University of Oslo, Norway

RESIDENCY

University of Oslo, Norway

FELLOWSHIP

Institute of Neurophysiology, University of Oslo
Department of Psychobiology, University of California, Irvine

AFFILIATIONS

Chairman of five dissertation committees, Universities of Bergen and Oslo
Member of three evaluation committees, Universities of Tromsø and Oslo
Sole neurosurgical expert, Norwegian Patient Injury Compensation (Norsk Pasientskadeerstatning)

SERVICE

Developed Neurosurgery Training Program in Addis Ababa, Ethiopia
Various academic committees at Universities of Bergen, Oslo and Tromsø
Founding Member of Scandinavian Neurotrauma Committee
Delegate to the European and World Societies for Neurosurgery
Executive Committee Member, European Society for Stereotactic and Functional Neurosurgery
Past Chairman of Norwegian Neurosurgical Society
Past Chairman of the National Training Committee for Neurosurgery
Past President of the Scandinavian Neurosurgical Society

SELECTED HONOURS

Best Lecturer, Medical Faculty, University of Bergen
Norwegian King's Medal in Gold (Kongens fortjenestemedalje i gull)

EDITORIAL BOARD

Various international journals of neurology, neurosurgery and neurophysiology
Journal of Neurology, Neurosurgery and Psychiatry
Permanent Reviewer, Journal of the Norwegian Medical Association

SELECTED SAMPLE OF PUBLICATIONS

Over 170 journal articles, book chapters, and letters

Sitsapesan HA, Lawrence TP, Sweasey C, Kerr R, Taylor J, Hilary Madder H, Wester K. Neurotrauma in the resource-limited setting: a review of audit and data collection strategies. *World Neurosurg* 2012; in press.

Sundstrøm T, Wester K. Basic trauma craniotomy. In: Sundstrøm T, Grände P-O, Juul N, Kock-Jensen C, Romner B, Wester K, eds. *Management of severe traumatic brain injury*. Springer Publishing; 2012: 87 - 89.

Sundstrøm T, Wester K. Surgical management of traumatic intracranial haematomas. In: Sundstrøm T, Grände P-O, Juul N, Kock-Jensen C, Romner B, Wester K, eds. *Management of severe traumatic brain injury*. Springer Publishing; 2012: 91 - 99.

Sundstrøm T, Wester K. Surgical management of penetrating brain injuries. In: Sundstrøm T, Grände P-O, Juul N, Kock-Jensen C, Romner B, Wester K. *Management of severe traumatic brain injury*. Springer Publishing; 2012: 101 - 103.

Sundstrøm T, Wester K. Subacute surgery in neurointensive care. In: Sundstrøm T, Grände P-O, Juul N, Kock-Jensen C, Romner B, Wester K, eds. *Management of severe traumatic brain injury*. Springer Publishing; 2012: 281 - 283.

Wester K. What the neurosurgeon wants to know: What, who, when, and where. In: Sundstrøm T, Grände P-O, Juul N, Kock-Jensen C, Romner B, Wester K, eds. *Management of severe traumatic brain injury*. Springer Publishing; 2012: 33 – 35.

Sundstrøm T, Helland CA, Aarhus M, Wester K. What is the pressure in chronic subdural haematomas? A prospective, population-based study. *J Neurotrauma* 2012; 29:137-42. [Epub 2011 Jul 27].

Zahl SM, Egge A, Helseth E, Wester K. Benign external hydrocephalus: a review, with emphasis on management. *Neurosurg Rev* 2011; 34(4):417-32. [Epub 2011 Jun 7]. [Online first June 13] doi: 10.1007/s10143-011-0327-4.

Berle M, Kroksveen AC, Haaland ØA, Aye TT, Opsahl JA, Oveland E, Wester K, Ulvik RJ, Helland CA, Berven FS. Protein profiling reveals inter-individual protein homogeneity of arachnoid cyst fluid and high qualitative similarity to cerebrospinal fluid. *Fluids and Barriers of the CNS* 2011; 8:19.

Wester K. Injury to the head and neck. In: Husum H, Ang SC, Fosse E, eds. *War Surgery – Field Manual*. TWN and Trauma Care Foundation (ISBN 978-983-2729-21-1); 2011.

Helland CA, Lund-Johansen M, Wester K. Location, sidedness, and gender distribution of intracranial arachnoid cysts in a population-based material. *Clinical article. J Neurosurg* 2010 113(5):934-9. [Epub 2010 Jan 22].

Aarhus M, Helland CA, Lund-Johansen M, Wester K, Knappskog PM. Microarray-based gene expression profiling and DNA copy number variation analysis of temporal fossa arachnoid cysts. *Cerebrospinal Fluid Research* 2010;7:6-13. [Epub ahead of print].

Helland CA, Aarhus M, Knappskog P, Olsson L, Lund-Johansen M, Amiry-Moghaddam M, Wester K. Increased NKCC1 expression in arachnoid cysts supports secretory basis for cyst formation. *Exp Neurol* 2010; 224:424-8. [Epub ahead of print May 21].

Berle M, Wester KG, Ulvik RJ, Kroksveen AC, Haaland ØA, Amiry-Moghaddam M, Berven FS, Helland CA. Arachnoid cysts do not contain cerebrospinal fluid: a comparative chemical analysis of arachnoid cyst fluid and cerebrospinal fluid in adults. *Cerebrospinal Fluid Res* 2010; 7:8-12.

Torgersen J, Helland C, Flaatten H, Wester K. Reversible dyscognition in patients with a unilateral, middle fossa

arachnoid cyst revealed by a laptop based neuropsychological test battery (CANTAB). *J Neurol* 2010; 257:1909-16. [Epub 2010 Jul 4].

Sollid S, Sundstrøm T, Ingebrigtsen T, Romner B, Wester K. Organisation of traumatic head injury management in the Nordic countries. *Emerg Med J* 2009; 26:769-72.

Aarhus M, Helland CA, Wester K. Differences in anatomical distribution, gender, and sidedness between ruptured and unruptured aneurysms in a defined patient population. *Acta Neurochir (Wien)* 2009; 151:1569-74. [Epub ahead of print May 5].

Wester K. Lessons learned by personal failures in aneurysm surgery. What went wrong, and why? *Acta Neurochir* 2009; 151:1013-24. [Epub ahead of print July 16].

Bellander BM, Sollid S, Kock-Jensen C, Juul N, Eskesen V, Sundstrøm T, Wester K, Romner B. Prehospital management of patients with severe head injuries. Scandinavian guidelines according to Brain Trauma Foundation. *Lakartidningen*. 2008; 105:1834-8. Swedish.

Juul N, Sollid S, Sundstrøm T, Kock-Jensen C, Eskesen V, Bellander BM, Wester K, Romner B. [Scandinavian guidelines on the pre-hospital management of traumatic brain injury] *Ugeskr Laeger* 2008; 170:2337-41. Review. Danish.