

Stereotactic neuro-radio-surgery - proceedings of the International Symposium on Stereotactic Neuro-Radio-Surgery, Vienna, 1992

Springer-Verlag - George Ojemann, M.D.

Author	Number of patients	Target volume	Dose (Gy) and number of fractions	Follow-up (months)	Observation rate (%)	Annual recurrence rate after treatment (%)	Complications (%)
Wassilios (1994) ¹⁴	65	10-20 cm ³	20 (single)	60	70.5 (year)	1.5	3
Kim (2000) ¹⁵	44	>20 cm ³	12.5 (fraction 2005 at an interval of 2 years)	100.4	38.1	6.3*	4.5
Kim (2006) ¹⁶	31	>5 ml	15 Gy (Volume-escalated 95% boost)	50	58	14*	0.1
Kalish (2007) ¹⁷	103	>5 ml	Repetitive radiotherapy	62	7	7	3
Landolf (2015) ¹⁸	24	>10 cm ³	105 Gy (5 Gy in three fractions)	35.2	60.5	NA	4.2
Stares (2015) ¹⁹	46	Mean volume 25.3 cm ³	105 Gy (15.8 Gy in 4 fractions)	20.5	20 (at 5 years)	4.5	NA
Kim (2017) ²⁰	47	>10 cm ³	15 Gy (Volume-escalated 95% boost)	47	28	4.3	13
Yamamoto (2017) ²¹	30	>10 cm ³	12-14 Gy (one stage 105% boost 20 months apart)	105	65	3.7	6.5
Huang (2017) ²²	18	>5 ml	15 Gy (Volume-escalated 95% boost in four stages)	NA	20 (5 years), 38 (10 years)	22*	NA

*Median time following in months. *Percentage of patients who developed a lesion during follow-up just not the annual recurrence rate was reported in these series

Description: -

- Stereoecephalotomy -- Congresses.
Radiosurgery -- Congresses. Stereotactic neuro-radio-surgery - proceedings of the International Symposium on Stereotactic Neuro-Radio-Surgery, Vienna, 1992

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Acta neurochirurgica.

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Tags: #Intensity #Modulated #Radiation #Therapy

Intensity Modulated Radiation Therapy

Conclusion: Childhood malignant gliomas share molecular similarities with secondary adult malignant gliomas, but differ from primary adult malignant gliomas. Nakajima S, Kikinis R, Jolesz FA, Atsumi H, Leventon ME, Grinson EL, Hata, N, Metcalf DC, Moriarty TM, Black, PM, Garada B, Alexander E III: Three-Dimensional Magnetic Resonance Imaging Reconstruction for Surgical Planning and Guidance, In: Advanced Neurosurgical Navigation, Edited by Alexander E III and Maciunas RJ, Thieme Medical, Stuttgart, New York, 1999, pp. OVEREXPRESSION OF ERBB3 AND SOX10 IN JUVENILE PILOCYTIC ASTROCYTOMA A.

Faculty Profile

Collimator-based IMRT uses computers to modify the intensity of the beam across each individual field with the use of moving collimators. The report stated that IMRT planning may include positron emission tomography PET and magnetic resonance imaging MRI. There are no published clinical trials demonstrating that the use of the Calypso system improves clinical outcomes of radiation therapy.

Koos, Wolfgang Th

Our data also support what is known about the developmental biological relationship between ErbB3 and Sox10 expressions. Identification and properties of the genes encoding the poly A polymerase and a small 22 kDa and the largest subunit 147 kDa of the DNA-dependent RNA polymerase of molluscum contagiosum virus. Damage to mitochondrial DNA induced by the hepatocarcinogen diethylnitrosamine in ovo.

Acta Neurochirurgica Supplement Ser.: Stereotactic Neuro

Neurosurgery 17 Suppl :138-139, 1985. Trajectory guide with angled or patterned guide lumens or height adjustment 2003-02-20 2011-07-19 University Of South Florida Trajectory guide with angled or patterned guide lumens or height adjustment 2003-02-20 2011-03-01 Medtronic,

Inc. This carrier means is connected to the leading magnet by a connecting means 65.

George Ojemann, M.D.

Operative Neurosurgical Techniques, Third edition. Loeffler JS, Siddon RL, Wen PY, Nedzi LA, Alexander E III. Field of the Invention This invention relates to an apparatus for delivering treatment to a specific location in a portion of the body and the method of using this apparatus to achieve this treatment delivery.

Faculty Profile

Due to its high risk of leptomeningeal dissemination intensive treatment is mandatory. Description BACKGROUND OF THE INVENTION 1. An angiosarcoma over the occipital scalp occurred 2.

Faculty Profile

This test took less than 10 min and was the only one feasible in all patients. Epilepsia 36 8 :772-782, 1995. In: Hautnah : Pädiatrie 7 1995 40--41 A Mutations of the laminin 5 LAMB3 gene in generalized atrophic benign epidermolysis bullosa.

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