

CURRICULUM VITAE

for: Karlsson Bengt M.D.; Ph. D. DoB 08-08 1953.

Education:

1972: Graduate senior high school, Stockholm, Sweden

1972-1974 University Studies in Technical and Theoretical Physics, Royal Institute of Technology, Stockholm, Sweden

1975-1980, Medical studies, Karolinska Institute, Stockholm, Sweden

1980 Jun, Examined from the Karolinska Institute Medical School, Stockholm, Sweden

1996, Successful defense of doctoral thesis (Ph.D.) "Gamma Knife surgery for Arteriovenous malformations" at the Karolinska Institute, Stockholm, Sweden

Positions:

1980 Aug - 1982, Jan Assistant doctor dep of Neurosurgery, South Hospital, Stockholm, Sweden

1982 Jan-1983 Oct inturn Norrtälje and Danderyd Hospital, Stockholm, Sweden

1983 Nov: Licensed Swedish Medical Doctor

1983 Nov-1986 Dec residency in Neurosurgery, South Hospital, Stockholm, Sweden

1987 Jan-1988 Oct residency in Neurosurgery, Karolinska Hospital, Stockholm, Sweden

1988 Sep: Fulfilled the European Association of Neurosurgical Societies Oral Assessment in Neurological Surgery

1988 Nov: Board certified Neurosurgeon at Karolinska Hospital, Stockholm, Sweden

1991-98: Assistant Director, Karolinska Gamma Knife center

1998: Director, Karolinska Gamma Knife Center, Karolinska Hospital, Stockholm, Sweden

1988 Nov - 2001 March: member of the staff at the department of Neurosurgery, Karolinska Hospital, Stockholm Sweden

2001 - 2004: Board certified Neurosurgeon in Germany and head, Gamma Knife Center at the Goethe University Frankfurt, Frankfurt am Main, Germany

2002 - 2003. Staff member dep. of Neurosurgery, St. Elizabeth Hospital, Tilburg, The Netherlands

2004- 2009 Head of Gamma Knife and Professor of Neurosurgery, dep. of Neurosurgery, West Virginia University, Morgantown WV USA

2009- at present. Head, Singapore Gamma Knife Centre and visiting consultant, National University Hospital, Singapore

Working with Gamma Knife Surgery since 1986, treated more than 6000 cases

Medical Licenses:

Sweden M.D. since 1982. Active

Germany M.D. since 2001. Active

West Virginia USA M.D. since 2005. Passive

Pennsylvania USA M.D. since 2007. Passive

Singapore M.D. since 2008. Active

Administrative and academic merits:

Delegation Member in the visit of H.E. Bo Könberg, Swedish minister of health and social insurance delegation, Malaysia and Singapore, Feb 1993

Member in Organizing Committee for 1st Congress of the International Stereotactic Radiosurgery Society Stockholm June 1993

Winner of the first Lars Leksell Award, given for the best abstract at the First International Stereotactic Radiosurgery Society meeting 17 June 1993

Organizing and teaching in the Elekta and Karolinska Gamma Knife Course, Karolinska Hospital since 1995 - 2001

Defence of the thesis "Gamma Knife surgery for cerebral arteriovenous malformations", June 1996; doctor of medical science (Ph. D.)

Honorary Consultant, Singapore Gamma Knife Center, Singapore 1996

Appointed by Singapore Ministry of Health to perform an audit of the Singapore Gamma Knife Centre, Nov. 1997

Adjunct Professor, Dep of Neurosurgery, University at Buffalo, NY USA
2000

Supervisor to dr. Söderman's thesis "Volume determination and predictive models in the management of cerebral arteriovenous malformations", successfully defended in June 2000 at the Karolinska institute

Professor, Dep of Neurosurgery, West Virginia University, WV USA
2004-2009

Visiting professor to the following places:

Dep. of Neurosurgery Armed Forces Hospital Riyadh KSA Dec 1997

Dep of Neurosurgery, University at Buffalo, NY USA May 1999

Dep of Neurosurgery, Cleveland Clinic. Cleveland, OH USA Nov 2007

Dep of Neurosurgery, Riyadh Military Hospital, Riyadh, KSA October
2009.

Invited lecturer to the following places:

1. Danish Course for Physicians in Neurooncology
Aarhus, Denmark, Aug 1992
2. Danish Neurosurgery Society meeting
Aarhus, Denmark Oct 2 1993
3. Danish Course for Physicians in Neurooncology
Aarhus, Denmark, Oct 4-7 1993
4. Gamma Cirugia Esteriotaxica
Madrid, Spain, Oct 7 1993
5. Internal Education at the Dep of Neurosurgery
Linköping, Sweden, Oct 21 1993
6. 1st International Course on Neuro-Interventional Procedures
Riyadh, Saudi Arabia, Nov 7-9 1993
7. EANS Symposium on Neurosurgery and Biology of Meningiomas
Salzburg, Austria, Feb 4-6 1994
8. 1st Asia-Pacific minimally invasive neurosurgery course
Singapore, March 5-7 1994
9. The second Leksell Gamma Knife Winter Meeting
La Thuile, Italy, March 10-13 1994
10. Gamma Knife Education Course
Taipei, Taiwan, July 17-22 1994
11. Thai Neurosurgical Society meeting
Pattaya, Thailand, July 22-24 1994
12. Invited lecturer to University Hospital of Jakarta
Jakarta, Indonesia, July 25 1994
13. 6th Lars Leksell Gamma Knife User meeting

- Kyoto, Japan, May 8-10 1994
14. Danish Course for Physicians in Neurooncology
Copenhagen, Denmark, Oct 31-Nov 3 1994
15. Gamma Knife Symposium at Großhadern University
Munich, Germany Nov 12 1994
16. San Diego Gamma Knife Course
San Diego, Ca, USA, Jan 16-20 1995
17. Miami Neuro-Oncology Symposium
Miami, Fl, USA, Feb. 23-25 1995
18. 2nd Congress of the Spanish Radiosurgical Society
Madrid, Spain, Apr 27-28 1995
19. 2nd ISRS meeting
Boston, Ma, USA, June 12-15 1995
20. Gamma Knife Education Course
Pittsburgh, Pa, USA, Sep 20-21 1995
21. San Diego Gamma Knife Course
San Diego, Ca, USA, Oct. 2-5 1995
22. The 9th Asian-Australian Congress of Neurological Surgery
Taipei, Taiwan, Nov 6-10 1995
23. 7th Lars Leksell Gamma Knife User meeting
Laia'i, Hi, USA, Nov 13-15 1995
24. VIIIth European Pan-Arab Neurosurgical Course
Riyadh, Saudi Arabia Dec 9-11 1995
25. 2nd International Neuro-interventional Procedures Course
Riyadh, Saudi Arabia, March 3-5 1996
26. 2nd Minimally Invasive Neurosurgery
Singapore, March 15-17 1996
27. Deutsche Gesellschaft für Neurochirurgie 47. Jahrestagung
Hamburg, Germany, June 17-20 1996
28. First Singapore Gamma Knife Course
Singapore, June 24-31 1996
29. 18th Meeting of the Egyptian Society of Neurological Surgeons
Cairo, Egypt, March 6-8 1997
30. Symposium at American Academy of Neurology meeting
Boston, Ma, USA, April 19 1997
31. 3rd ISRS Congress
Madrid, Spain, June 25-28 1997
32. World Congress of Neurosurgeons
Amsterdam, The Netherlands, July 7-11 1997
33. International Symposium of Micro- and radio-neurosurgery
Gunma Prefecture, Japan Sept. 28-30 1997
34. Education for Swedish Neurosurgeons in Radiosurgery
Umeå, Sweden, Oct 9 1997
35. Dutch Working group Neuro-.oncology
Tilburg, Holland Oct 10 1997
36. First Indonesian Neurosurgery meeting
Jakarta, Indonesia, Nov. 26-27 1997
37. 6th Rotterdam International Skull Base Day
Rotterdam, Jan. 17 1998

38. Krefeld Tag der Radiochirurgie
Krefeld, Germany, March 11 1998
39. San Antonio Radiosurgery meeting
San Antonio, Tx, USA, April 16 1998
40. Invited lecturer to Klinikum Trier
Trier, Germany, May 15 1998
41. Dutch Neurosurgical Society Springmeeting
Leiden, Holland May 16 1998
42. 49. Jahrestagung der Deutschen Gesellschaft
für Neurochirurgie
Hannover, Germany, June 12-16 1998
43. Int Gamma Knife Symposium at Royal College of Physicians
London, UK, Okt. 24 1998
44. The 8th ASEAN Congress of Neurological surgery
Bangkok, Thailand, Nov 1-4 1998
45. VCTB meeting, Gothenburg, Sweden, Nov. 12 1998
46. Olivecrona Symposium, Stockholm, Sweden, Dec. 9 1998
47. 4th ISRS meeting, Sydney, Australia, Feb. 24-27 1999
48. Lecture Wayne State University, Detroit, MI USA May 5 1999
49. Gamma Knife Symposium, Oklahoma City, OK, May 7 1999
50. Acoustic neuroma meeting, Rome, Italy, June 1999
51. Radiosurgery meeting, Taitshong, Taiwan, June 1999
52. 40th Anniversary VGH Hospital Conference, Taipei, Taiwan, Oct 23
1999
53. William V. Karr Lecureship, Ohio University, Columbus, Ohio,
Nov. 19 1999
54. Education for Swedish residences in Neurosurgery, Dec. 8 1999
55. Olivecrona Symposium, Stockholm, Sweden, Dec. 9-10 1999
56. Clinical conference, Louisiana State University, Shreveport
La, Feb 3 2000
57. Dutch Neurosurgical Society Springmeeting
Maastricht, Holland March 17 2000
58. 10th Lars Leksell Gamma Knife User meeting
Squaw Valley, Ca, USA April 14-18 2000
59. The 3rd International symposium of Spinal cord and cerebral
Arteriovenous malformation, Tokyo, Japan, Apr 23-24 2000
60. Intradisziplinäre Behandlungskonzepte bei zerebrovaskulären
Erkrankungen, Essen Germany, July 21-22 2000
61. Medicine meets Millennium
Hannover, Germany, July 21-24 2000
62. Gamma Knife Surgery, Isesaki, Gunma, Japan Nov. 12 2000
63. 50 years of radiosurgery, Frankfurt, Germany, May 12 2001
64. Spanish Neurosurgical society, Avila, Spain, May 17 2001
65. ISRS meeting, Las Vegas, Nevada, USA June 11-13 2001
66. ESTRO meeting, Sevilla, Spain Sep. 18-20, 2001
67. CNS Annual meeting, San Diego, Ca, USA Oct. 2001
68. Seoul National University, Seoul, Korea, Jan. 2002
69. 4th Bad Nauheimer Radioonkologie Gespräch, Germany, Jan. 2002
70. Symposium Neuroradiologicum, Paris, France Aug. 21 2002

71. Onkologische Zentrum Westpfalz, Kaiserslauten, Germany Oct 23, 2002
72. DGNC. Neurosurgical Education, Seeheim, Germany, Nov. 22, 2002
73. 10th ASEAN Congress of neurosurgery, Singapore, Dec. 12-15, 2002
74. 6th ISRS Congress of radiosurgery, Kyoto, Japan, June. 21-23, 2003
75. Contemporary management of Intractable Epilepsies, Morgantown, WV, USA Oct. 24-25, 2003
76. Lecture at opning Ceremony Koriyama Gamma and PET Center, Koriyama, Japan March 28, 2004
77. Nugent symposium, Univ of West Virginia, Morgantown WV USA June 11 2004
78. Nugent symposium, Univ of West Virginia, Morgantown WV USA May 07 2005
79. European skull base society meeting, Fulda, Germany May 19-21 2005
80. 20th Anniversary meeting, Sheffield UK, Sep. 24, 2005
81. Gamma Knife User Meeting, Seoul, Korea May 21-226, 2006
82. International Congress of Radiosurgery and Stereotactic Radiotherapy, Verona, March 8-10, 2007
83. Gamma Knife Tilburg, 5 years and 2000 patients later, Tilburg, The Netherlands, June 1, 2007
84. Gamma Knife Symposium Sanaa, Yemen Jan 9, 2008
85. Gamma Knife Symposium, Hanoi, Vietnam, Apr 11, 2008
86. Gamma Knife Symposium, Karachi, Pakistan, May 4, 2008
87. 14th Lars Leksell Gamma Knife User meeting. Qubec, Canada, May 19-22, 2008
88. XI Spanish radiosurgery meeting Murcia, Spain, Oct 2-4, 2008
89. 3rd Annual meeting of Saudi Association of Neurological Surgery, May 23-25, 2009 Al Khobar, Saudi Arabia.
90. 1st Saudi Radiosurgery meeting Surgery, Apr 21 2010 Jeddah, Saudi Arabia.
91. 15th International Leksell Gamma Knife Society °Meeting, Athens, Greece May 16-20, 2010
92. Fourth Asian Gamma Knife Academy meeting Taipei Taiwan Sep 19-20, 2010
93. Pan Arab meeting in Neurosurgery, Algiers, Alger Nov. 26-29, 2010
94. Gamma Knife symposium, Sydney, Australia, Nov. 29, 2011
95. Radiosurgery symposium Singapore March 22, 2012
96. 6th SANS Annual Meeting, Dammam, Saudi Arabia, April 3-5, 2012
97. Neuroscience meeting, Baghdad, Iraq, Oct 1, 2012.
98. 26th National Conference Pakistan Society of Neurosurgeons, Karachi, Pakistan, Nov 29-30, 2013.
99. 14th NAM Scientific meeting, Kota Bharu, Malaysia Aug 15-17, 2014
100. 4th Asian Laksell Gamma KNife meeting, Yokohama, Japan, Feb 21-22, 2015
101. European AVM conference, Milan, Italy, Dec 1-2, 2016

102. Dhaka Radiosurgery meeting, Dhaka, Bangladesh, March 18, 2017
103. 15 year Gamma Knife symposium, Tilburg, the Netherlands, June 6, 2017
104. 24th Asia Pacific Cancer Conference, Seoul, Korea, June 21-25, 2017
105. 5th meeting of the Asian Gamma Knife Society meeting, Jeju Island, Korea, Nov 2-4, 2017
106. 19th Leksell Gamma Knife Society meeting, Dubai, UAE, March 4-8, 2018

Papers or posters accepted at the following congresses:

1. Radiosurgery of Intracranial Lesions, Charlottesville, May 1989
2. Stereotactic and Functional Neurosurgery, Maebashi Oct 1989
3. Symposium Neuroradiologicum. London, June 1990
4. European Society of Stereotactic and Functional Neurosurgery Meeting Marbella, Sep 1990
5. Scandinavian Neurosurgical Meeting Tromsø, June 1991
6. International Stereotactic Radiosurgery Symposium, Pittsburgh, June 1991
7. European Association of Neurosurgical Societies Meeting, Moscow, June 1991
8. The 6th Nordic Meeting about Cerebrovascular Disease, Odense, Denmark, Sep 1991
9. Middle East Neurosurgical Meeting Alexandria, Egypt, Dec 1991
10. AANS Meeting San Francisco, Apr 1992
11. 29. Scandinavian Congress of Neurology, June 17-20 1992 Aarhus, Denmark
12. Neurosurgery of the Discovery November 22-27 1992 Madrid Spain
13. 2é Reunion Internationale de Radiochirurgie Stereotaxique Lille 26-27 Mars 1993
14. AANS Meeting Boston April 24-29 1993
15. International Conference & Course on Stereotactic Radiotherapy/Surgery Amsterdam May 7-9 1993

16. 1st Congress of International Stereotactic Radiosurgery Society
Stockholm Sweden June 16-19 1993
17. World Congress in Neurosurgery Acapulco, Mexico Oct 18-24 1993
18. 6th Gamma Knife users meeting Kyoto, Japan, May 8-11 1994
19. European Stereotactic and Functional Neurosurgery Congress,
Atalaya, Turkey, Sep 1994
20. AANS Meeting, Orlando, Fla, Apr 24-28 1995
21. EANS Meeting, Berlin, May 8-12 1995
22. Scandinavian Meeting, Reykjavik, Iceland June 6-9, 1995
23. 4th International Workshop on Cerebrovascular Surgery, Chicago,
USA June 11-14 1995
24. CNS meeting, San Francisco, USA, Oct 1995
25. Asian-Australian Meeting, Taipei, Taiwan Nov 1995
26. Swedish Medical doctors annual Conference, Stockholm, Sweden,
Nov. 1996
27. 8th Lars Leksell Gamma Knife User meeting
Marseille, France Jun 22-25 1997
28. 3rd ISRS Congress, Madrid, Spain, June 25-28 1997
29. Society of British Neurosurgeons autumn meeting, Brighton, Sep
1998
30. European Society of Neuroradiology XXIV congress, Milano, Italy,
Sep. 23-26 1998
31. The 8th ASEAN Congress of Neurological surgery
Bangkok, Thailand, Nov 1-4 1998
32. 4th ISRS meeting, Sydney, Australia, Feb. 24-27 1999
33. First International Kidney Cancer Symposium, Evanston, Ill., USA Oct
1999
34. 10th Lars Leksell Gamma Knife User meeting. Squaw Valley, Ca, USA
April 14-18 2000
35. The neurosurgical society of the Virginias, White Sulphur, WV, USA
January 22-24 2004

36. The neurosurgical society of the Virginias, White Sulphur, WV, USA January 21-22 2005
37. The neurosurgical society of the Virginias, White Sulphur, WV, USA January 21-22 2006
38. AANS, San Fransisco, USA April 22-27, 2006
39. 13th Lars Leksell Gamma Knife User meeting. Seoul, Korea May 22-25 2006
40. 13th Lars Leksell Gamma Knife User meeting. Seoul, Korea May 22-25 2006
41. ISRS meeting San Fransisco CA, USA June 23-27, 2007
42. Gamma Knife Symposium, Sannah, Yemen Jan. 8, 2008
43. 16th annual Saudi Neurosciences symposium, Riyadh, Saudi Arabia, Jan 21-24, 2008
- 44 The neurosurgical society of the Virginias, White Sulphur, WV, USA January 25-26 2008
45. Gamma Knife Symposium, Hanoi, Vietnam, Apr 11, 2008
46. Gamma Knife Symposium, Karachi, Pakistan, May 4, 2008
47. 14th Lars Leksell Gamma Knife User meeting. Qubec, Canada, May 19-22, 2008
48. CNS meeting. New Orleans, USA, Oct 24-29, 2009
49. 15h Lars Leksell Gamma Knife User meeting. Athens, Greece, May 16-20, 2010
50. Australasian neurosurgery meeting, Fiji, Sep 22-24, 2011
51. 16h Lars Leksell Gamma Knife User meeting. Sydney, Australia, March 25-29, 2011
52. ISRS Congress Toronto, Canada, June 16-20, 2013.
53. ECCO Congress Amsterdam, The Netherlands Sep 27 - Oct 1 2013.
54. 17th Leksell Gamma Knife Users meeting New York, NY USA May 2014.

55. 18th Leksell Gamma Knife Users meeting Amsterdam, The Netherlands, May 2016.

56. 5th meeting of the Asian Gamma Knife Society meeting, Jeju Island, Korea, Nov 2-4, 2017.

57. 19th Leksell Gamma Knife Society meeting, Dubai, UAE, March 4-8, 2018.

Publications:

1991:

1. Gamma Knife Surgery for Cerebral Metastasis

Kihlström L, Karlsson B, Lindquist C, Norén G, Rahn T in Hitchcock E, ed. Advances in stereotactic and functional neurosurgery 9, Acta Neurochir suppl 52, pp 87-89 Springer Verlag Wien 1991

1992:

2. Stereotaxic Angiography in Gamma Knife Radiosurgery of Intracranial Arteriovenous Malformations

Guo WY, Lindqvist M, Lindquist C, Ericson K, Nordell B, Karlsson B, Kihlström L. American Journal of Neuroradiology (13) 1107-14 1992

3. Histological Studies of Gamma Knife Lesions in Normal and Hypercholesterolemic Rabbits

Kihlström L, Lindquist C, Adler J, Collins P, Karlsson B in Steiner L, ed: Radiosurgery Baselines and Trends, Raven Press New York pp 111-119, 1992

4. Gamma Knife Surgery in Brain Metastases

Kihlström L, Karlsson B, Lindquist C. in Lundsford L D, ed: Stereotactic Radiosurgery Update, Elsevier Science Publishing Co, pp 429-434 1992

1993:

5. Gamma Knife surgery of Cerebral Arteriovenous Malformations : Serial MR Imaging studies after Radiosurgery

Guo WY, Karlsson B, Lindquist C, Steiner L, Kihlström L International Journal of Radiation Oncology, Biology, Physics: 25 (2) 315-23 1993

6. Radiosurgery for Venous Angioma

Lindquist C, Guo WY, Karlsson B, Steiner L Journal of Neurosurgery 78, 4:531-6 1993

7. Gamma Knife Surgery for Cerebral Metastases. Implications for Survival based on 16 years experience

Kihlström L, Karlsson B, Lindquist C. Stereotactic and Functional Neurosurgery; 61 (suppl 1) 45-50, 1993

8. Even the Smallest Remnant of an AVM Constitutes a Risk of Further Bleeding. Case report.

Guo WY, Karlsson B, Ericson K, Lindqvist M
Acta Neurochirurgica 121: 212-215 1993

9. Target Delineation for Cerebral Arteriovenous Malformations: Assessment of the Value of Stereotaxic MR Imaging and MR Angiography.

Guo WY, Nordell B, Söderman M, Karlsson B, Lindqvist M, Ericson K, Franck A, Lax I, Lindquist C. Acta Radiologica 34(5) 457-463 1993

10. Combined Embolization and Radiosurgery for Cerebral Arteriovenous Malformations

Guo WY, Wikholm G, Karlsson B, Lindquist C, Svendsen P, Ericson K. Acta Radiologica 34(6) 600-606, 1993

11. Guest Editorial: Microsurgery and radiosurgery in brain arteriovenous malformations

Steiner L, Lindquist C, Cail W, Karlsson B, Steiner M
Journal of Neurosurgery 79: 5, 647-652, 1993

12 CT and MR imaging of adverse radiation effect in cerebral arteriovenous malformations treated by Gamma Knife surgery

Steiner L, Lindquist C, Guo WY, Karlsson B, Steiner M.

In dr Guo's thesis defended in Karolinska Hospital 1993

1994:

13. Multiple intracranial arteriovenous malformations: a case report

Ericson K, Söderman M, Karlsson B, Guo WY, Lindquist C.
Neuroradiology 36: 157-159, 1994

14. Recurrent Tumor or Radiation Reaction after Gamma Knife Surgery of Intracerebral Metastases: PET studies with ¹⁸F-FDG

Mogard J, Kihlström L, Ericson K, Karlsson B, Gou WY, Stone-Elander S
Journal of Computer Assisted Tomography 18:2, 177-181 1994

15. Medical controversy: is Gamma Knife surgery the treatment of choice for cerebral metastases?

Karlsson B, Kihlström L, Lindquist C Trends
Experimental and Clinical Medicine 4:4 396-402 1994

16 Stereotactic Radiosurgery for Tectal Low-Grade Gliomas

Kihlström L, Lindquist C, Lindqvist M, Karlsson B.
Acta Neurochirurgica Suppl 62:55-57 1994

17. Gamma Knife Radiosurgery in Cerebral Vascular Malformations

Steiner L, Lindquist C, Karlsson B, Steiner M in
Da Pian/Pasqualin (Eds) New trends in the Management of Cerebro-Vascular Malformations Springer Verlag Wien New York 473-85 1994

1995:

18. Long term angiographic outcome of AVM responding poorly to Gamma Knife surgery

Karlsson B, Lindqvist, M, Lindquist C, Kihlström L, Steiner, L.
Kondziolka (ed) Radiosurgery 1995. Karger Publishers 1995 188-94

19. Gamma Knife radiosurgery for Arteriovenous malformations: An autopsy report focusing on irradiation-induced changes observed in nidus-unrelated arteries

Yamamoto, M.; Jimbo, M., Ide, M.; Kobayashi, M.; Toyoda, C.; Lindquist, C.; Karlsson, B. Surgical Neurology 1995: 44; 421-7

20. Gamma Knife Surgery in Vascular, Neoplastic and Functional Disorders of the Nervous System

Steiner L, Prasad D, Lindquist C, Karlsson B, Steiner M. in
Schmidek, Sweet (ed), Operative Neurosurgical Techniques, 3rd edition,
Saunders Philadelphia 667-694 1995

1996:

21. Prediction of complications in Gamma Knife Radiosurgery of Arteriovenous Malformations

Lax, I., Karlsson, B. Acta Oncologica 35:1 49-55 1996

22. Effect of Gamma Knife surgery on the risk of rupture prior to AVM obliteration

Karlsson B, Lindquist C, Steiner L
Minimally Invasive Neurosurgery 39:1 21-27 1996

23. Recurrence of Cranial Base Meningiomas

Mathiesen T, Lindquist C, Kihlström L, Karlsson B.
Neurosurgery 1996: 39;1 2-9

24. Gamma Knife Radiosurgery in medium-sized Arteriovenous malformations: Preliminary report

Yamamoto M, Ide M, Jimbo M, Takakura K, Hirai T, Lindquist C, Karlsson B
Surgery for Cerebral Stroke 24: 465-73 1996

25. Prediction of results following Gamma Knife surgery in relation to the natural course for brain stem and other centrally located arteriovenous malformations

Karlsson B, Lax I, Söderman M, Kihlström L, Lindquist, C.
Ster and funct neurosurg 66: suppl1 260-268 1996

26. Positron emission tomography using ¹⁸F-FDG in patients with stereotactically irradiated brain metastasis

Ericson K, Kihlström L, Mogard J, Karlsson B, Lindquist C, Widén, L,
Collins VP, Stone-Elander, S.
Ster and funct neurosurg 66: suppl1 214-224 1996

27. Volume determination of intracranial arteriovenous malformations prior to stereotactic radiosurgical treatment

Ericson K, Söderman M, Karlsson B, Lindquist C
Interventional Neuroradiology 2 271-5 1996

28. Stereotaxy in Neuroradiology

Söderman M, Ericson K, Karlsson B
Rivista di Neuroradiologica 9 suppl 1 53-62 1996

29. Gamma Knife surgery for Meningiomas

In: Neurosurgery and Biology of Meningiomas

Karlsson, B.; Kihlström, L.; Lindquist, C. Acta Neurochir 138: 114-5 1996

30. Gamma Knife surgery of cerebral arteriovenous malformations

Karlsson B. Doctorial thesis, Karolinska Institute 1996

1997:

31. Gamma Knife surgery of cerebral arteriovenous malformations - the Karolinska experience

Karlsson B. Neurosciences 2: 1, 7-12 1997

32. Prediction of obliteration after Gamma Knife surgery for cerebral arteriovenous malformations

Karlsson B, Lindquist C, Steiner, L. Neurosurgery 40:3 425-31 1997

33. Magnetic Resonance Imaging of obliterated Arteriovenous Malformations up to 23 years following radiosurgery

Kihlström L, Guo W-Y, Karlsson B, Lindquist C, Lindqvist M
Journal of Neurosurgery 86:4 589-93 1997

34. Annual risk for the first hemorrhage from untreated cerebral arteriovenous malformations

Karlsson B, Lindquist C, Johansson A, Steiner, L.
Minimally Invasive Neurosurgery 40:2, 40-46 1997

35. Factors influencing the risk for complications following Gamma Knife radiosurgery for cerebral arteriovenous malformations

Karlsson B, Lax I, Söderman M
Radiotherapy and Oncology 43; 275-80 1997

36. Tumor seeding following stereotactic biopsy in brain metastases: two case reports

Karlsson B, Ericsson K, Kihlström L, Grane P
Journal of Neurosurgery 87:2; 327-30 1997

37. De multidisciplinaire behandeling van de cerebrale arterioveneuze malformatie: voorlopige resultaten bij 115 opeenvolgende patienten.

v Rooij W, Sluzewski M, Wijnalda D, Schellens R, Verhagen I, Karlsson B:
Ned Tijdschr Geneesk 141:2111-2117, 1997

38. Gamma Knife surgery of cerebral arteriovenous malformations - the Karolinska experience

Karlsson B. Saudi Medical Journal 18: 1, 9-14 1997

1998:

39. Radiosurgery for previously irradiated cerebral arteriovenous malformations

Karlsson B, Kihlström L, Lindquist C, Steiner L
Neurosurgery 42:1, 1-6 1998

40. Gamma Knife surgery of cavernous malformations

Karlsson B, Kihlström L, Lindquist C, Ericson K, Steiner L
Journal of Neurosurgery 88:2, 293-297 1998

41. Probability of obliteration and management risk following Gamma Knife Surgery for Cerebral AVM

Karlsson B, Lax I. Kitakanto Med J: S1, 29-34, 1998

1999:

42. Can the probability for obliteration after radiosurgery for arteriovenous malformations be accurately predicted?

Karlsson B, Lax I, Söderman M
Int J Radiat Oncol Biol Phys 43:2,313-319, 1999

43. Imaging changes after radiosurgery for vascular malformations, tumors, and to normal brain

Kihlström L, Karlsson B
Neurosurgery clinics of North America 10:2, 167-180 1999

2000:

44. Repeated radiosurgery versus fractionated radiotherapy in the treatment of brain metastases from renal cell carcinoma

Karlsson B, Wersäll P, Lippitz B, Kihlström L
Kondziolka (ed) Radiosurgery 1999. Karger Publishers 1995 232-39

45. Angiographic long term follow up data for AVMs previously proven to be obliterated after Gamma Knife radiosurgery

Lindqvist M, Karlsson B, Guo W-Y, Kihlström L, Lippitz B, Yamamoto M
Neurosurgery 46:4, 803-808, 2000

46. Volume measurement of cerebral arteriovenous malformations from angiography

Söderman M, Karlsson B, Launnay L, Thuresson B, Ericson K
Neuroradiology 42: 697-702. 2000

2001:

47. Risk for hemorrhage during the 2-year latency period following Gamma Knife radiosurgery for arteriovenous malformations

Karlsson B, Lax I, Söderman M

Int J Radiat Oncol Biol Phys 49:4: 1045-51 2001

48. Gamma Knife outcome models as a reference standard in the embolization of cerebral arteriovenous malformations

Söderman M, Rodesch G, Karlsson B, Lax I, Lasjaunias P

Acta Neurochir 143: 801-10 2001

49. Gamma Knife Radiochirurgie

Seifert V, Karlsson B. Hessische Ärzteblatt 2001

2002:

50. Prediction of AVM obliteration after stereotactic radiotherapy using radiobiological modelling

Mavrodis P, Theodourou K, Lefkopoulos D, Nataf F, Schlienger M, Karlsson B, Lax I, Kappas C, Linf B, Brahme A.

Phys in Med Biol 47: 2471-94, 2002

51. Non-hemorrhagic AVMs

Karlsson B in Leys D (ed), Stroke: Predisposing conditions, Remedica Publishing, London UK pp 125-34, 2002

52. Dose selection and prediction of Stereotactic radiosurgery outcomes

Karlsson B in Pollock B (ed), Contemporary stereotactic radiosurgery, Futura Publishing co. Armonk NY USA pp 53-72, 2002

53. Treatment of arteriovenous malformations of the brain

Wikholm G, Pellettieri L, Karlsson B in Byrne J: Interventional neuroradiology. Theory and Practise. Oxford Press, London pp 137-154, 2002

2003:

54. Management of patients with brain arteriovenous malformations

Söderman M, Andersson T, Karlsson B, Wallace CM, Edner G

Eur J Rad 46: 195-205, 2003

55. Potential complications following radiotherapy for meningiomas

Mathiesen T, Kihlström L, Karlsson B, Lindquist C

Surg Neurol 60: 193-98, 2003

56. Pertreatment radiation induced edema causing acute hydrocephalus after radiosurgery for multiple cerebellar metastases

Wolff R, Karlsson B, Dettman E, Böttcher H, Seifert V

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