

# ***Fukushima Keyhole Microneurosurgery***

**Operations from 1980 to 2005  
50 DVDs**



**Surgery by Takanori Fukushima, M.D., D.M.Sc.**

**Professor of Neurosurgery**

**Director: Carolina Neuroscience Institute & INERF.**

**Carolina Skull Base Surgery Center**

**Duke University Medical Center, Duke Raleigh Hospital.**

**AF-Neuro Video, Inc.**

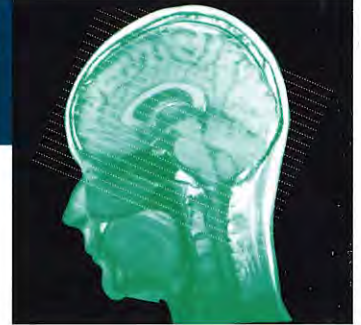
**D**irection  
House, Inc.



# Fukushima Keyhole Microneurosurgery

## I 1980~1990 TOKYO Series

14DVDs



- |   |  |   |
|---|--|---|
| <ul style="list-style-type: none"> <li>1.1) Hemifacial Spasm, Microvascular Decompression</li> <li>2) Anterior Cerebral Giant Aneurysm</li> <li>2.1) Epidermoid</li> <li>2) Lateral Orbital Eyebrow Keyholesurgery for Aneurysms(1982)</li> <li>3) CEA</li> <li>3.1) Pineal Meningioma</li> <li>2) Glossopharyngeal Neuralgia, Microvascular Decompression</li> <li>4.1) Acom Aneurysm Clipping, Interhemispheric Approach</li> <li>2) Craniopharyngioma</li> <li>5.1) Trigeminal Neuralgia, Microvascular Decompression</li> <li>2) Craniopharyngioma</li> <li>3) IC Giant Aneurysm Clipping</li> <li>6.1) Microvascular Decompression for Hemifacial Spasm and Trigeminal Neuralgia(1989-1990)</li> </ul> | <ul style="list-style-type: none"> <li>2) ABR Warning System</li> <li>3) Microvascular Decompression for Hemifacial Spasm and Trigeminal Neuralgia</li> <li>7.1) Chordoma</li> <li>2) Surgery of Cavernous Sinus Lesions</li> <li>8.1) Radical Surgery of Skull Base Meningioma</li> <li>2) Combined Petrosal Approach for Petroclival Meningioma</li> <li>9.1) Acoustic Neuroma</li> <li>2) Acoustic Neuroma</li> <li>10.1) C5-C3 Bypass for Cavernous Giant Aneurysm</li> <li>2) Skull Base Bypass II for Chemodectoma</li> <li>3) Skull Base Bypass III for Cavernous Giant Aneurysm</li> <li>11.1) Surgery of Giant Aneurysm</li> <li>2) Infraclinoidal Aneurysm</li> <li>3) Low Position Basilar Top Aneurysm</li> <li>12.1) Direct Operative Approach for Vascular Lesions in the Cavernous Sinus</li> </ul> | <ul style="list-style-type: none"> <li>2) Posterior Fossa Giant AVM</li> <li>13.1) Acute Aneurysm Surgery</li> <li>2) Microvascular Decompression for Hemifacial Spasm(Sydney TV)</li> <li>3) Jugular Foramen Neuroma</li> <li>14.1) Aneurysm Surgery in the Acute Stage</li> <li>2) Clinoidal Meningioma</li> <li>3) Craniopharyngioma(Suprasellar &amp; 3rd Ventricle/F-T Transcavernous Approach)</li> <li>4) Craniopharyngioma in the 3rd Ventricle(Interhemispheric</li> </ul> |
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## II 1988~1994 HD Series

8DVDs



- |   |   |  |
|---|---|--|
| <ul style="list-style-type: none"> <li>Vol.1-A</li> <li>1) Right Paraclinoid Aneurysm</li> <li>2) Right Mid-Pontine Cavernous Hemangioma</li> <li>3) Right Petroclival Cavernous Sinus Chordoma</li> <li>4) Right Petroclival Meningioma, Combined Petrosal Craniotomywith Cosmetic Mastoidectomy</li> <li>Vol.1-B</li> <li>5) Right Jugular Foramen Neurinoma</li> <li>6) Ruptured Basilar Tip Aneurysm, Right Pterional Approach</li> <li>7) Left Middle Cerebral Aneurysm</li> <li>8) Left Translabyrinthine Approach and Resection of 2cm Acoustic Neurinoma</li> <li>Vol.1-C</li> <li>9) Left Carotid Endarterectomy</li> <li>10) Petroclival-Cavernous Sinus Meningioma</li> <li>11) Right Hemifacial Spasm, Microvascular Decompression</li> </ul> | <ul style="list-style-type: none"> <li>12) Right Middle Cerebral Giant Aneurysm with Bypass</li> <li>Vol.1-D</li> <li>13) Left IC Paraclinoid Giant Aneurysm Clipping</li> <li>14) Left C3-4 Intracavernous Aneurysm</li> <li>15) Left Cerebellar AVM Resection</li> <li>16) Excision of Enterogenous Milky Cyst Using Extreme Lateral Approach</li> <li>Vol.1-E</li> <li>1) Right Trigeminal Neuralgia</li> <li>2) Right Hemifacial Spasm</li> <li>3) Left Acoustic Neuroma, Hearing Preservation</li> <li>4) Left Cerebellar AVM</li> <li>Vol.2-F</li> <li>5) Left Trigeminal Neuralgia</li> <li>6) Left Large Acoustic Neuroma</li> <li>7) Right Vertebral Artery Fusiform Aneurysm</li> <li>8) Basilar Tip Aneurysm</li> <li>Vol.2-G</li> <li>9) Pineocytoma</li> <li>10) Right Trigeminal Neurinoma</li> </ul> | <ul style="list-style-type: none"> <li>11) Left Cavernous Sinus Chondrosarcoma</li> <li>12) Left Juvenile Angiofibroma</li> <li>Vol.2-H</li> <li>13) Right Large Acoustic Neuroma</li> <li>14) Left Petroclival Meningioma</li> <li>15) Combined Petrosal Craniotomy Basic Opening Technique</li> <li>16) Skull Base Dissection Right Extradural Middle Fossa Rhomboid Approach and Transcavernous Exposure</li> </ul> |
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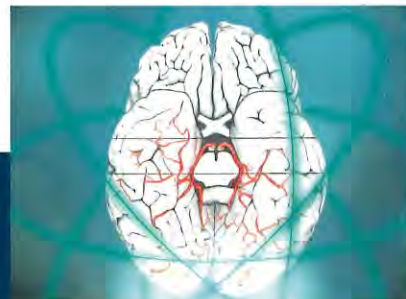
# 1994~1998 III Pittsburgh HD Series

14DVDs



1. Meningioma
  - 1) Optic Canal Meningioma
  - 2) Sphenoclinoidal Meningioma
  - 3) Tuberculum Sellae Meningioma
  - 4) Clinoidal Meningioma
  - 5) Tuberculum Sellae Meningioma
  - 6) Clinoidal Meningioma
2. Infratemporal Fossa Approach
  - 1) Jugular Foramen Meningioma
  - 2) Lt. Maxillary Ameloblastoma
  - 3) Juvenile Angiofibroma
  - 4) Infratemporal Aneurysm
  - 5) M1 Fusiform Aneurysm
3. Paraclinoid Giant Aneurysms
  - 1) Paraclinoid Giant Aneurysm
  - 2) Paraclinoid Giant Aneurysm
  - 3) Paraclinoid Giant Aneurysm
  - 4) Paraclinoid Giant Aneurysm
  - 5) Paraclinoid Giant Aneurysm
4. Petroclival Meningioma
  - 1) Petroclival Meningioma
  - 2) Petroclival Meningioma
  - 3) Paratrigenial Meningioma
5. Cavernous Sinus Tumors
  - 1) Cavernous Sinus Petroclival Meningioma
  - 2) Cavernous sinus/Petroclival Meningioma
  - 3) Cavernous Sinus Meningioma
  - 4) Cavernous Sinus Chordoma
6. Acoustic Neuromas
  - 1) Acoustic Neuroma (18mm)  
(Hearing Preservation)
- 2) Acoustic Neuroma (25mm)
- 3) Acoustic Neuroma (40mm)  
(Hearing Preservation)
- 4) Acoustic Neuroma (50mm)  
(Hearing Preservation)
7. C-P Angle Tumors
  - 1) Acoustic Neuroma (10mm)
  - 2) Acoustic Neuroma
  - 3) Para-Abducens Meningioma
  - 4) Trigeminal Neuroma
  - 5) Trigeminal Neuroma
8. Jugular Foramen Tumors
  - 1) Jugular Foramen Neuroma
  - 2) Giant Hypoglossal Neuroma
  - 3) Glomus Juglare
  - 4) Foramen Magnum Meningioma
9. Parabrastem Surgery
  - 1) CP Angle Meningioma
  - 2) CP Angle Ventral Meningioma
  - 3) Brainstem Glioma (7cm)
  - 4) CP Angle Epidermoid
  - 5) Foramen Magnum C1-2-3 Giant Meningioma
10. 3rd Ventricle Tumors
  - 1) 3rd Ventricle Colloid Cyst
  - 2) 3rd Ventricle Colloid Cyst
  - 3) 3rd Ventricle Astrocytoma
  - 4) Craniopharyngioma
  - 5) Large Craniopharyngioma
11. Pineal Tumors & MVD
  - 1) Pineal Teratoma
  - 2) Pineal Teratoma

- 3) Pineal Tumor, Pineocytoma
- 4) Astrocytoma 6x7cm
- 5) Trigeminal Neuralgia
- 6) Trigeminal Neuralgia
12. Basilar Aneurysms
  - 1) Basilar Trunk Aneurysm
  - 2) Basilar Tip Aneurysm
  - 3) Basilar Trunk Aneurysm (Large)
  - 4) Basilar Tip Aneurysm
  - 5) Basilar Apex Aneurysm
13. Acom Aneurysm
  - 1) Acom Aneurysm
  - 2) Acom Aneurysm
  - 3) Acom Aneurysm (SAH)
  - 4) Acom Aneurysm (SAH)
  - 5) Acom Aneurysm (SAH)
14. Bifrontal Transbasal, AVM,  
Other keyhole Approaches
  - 1) Tuberculum Sellae Meningioma
  - 2) Olfactory Neuroblastoma
  - 3) AVM
  - 4) Cavernous Angioma



# 1999~2005 IV CAROLINA Series

14DVDs

1. Acoustic Neuroma Part 1
  - 1) Left Translabrynthine Approach
  - 2) Right Retrosigmoid Approach
  - 3) Right Middle Fossa Approach
2. Acoustic Neuroma Part 2
  - 1) Right Translabrynthine Approach
  - 2) Right Retrosigmoid Approach
3. Acoustic Neuroma Part 3
  - 1) Right Translabrynthine Approach
  - 2) Left Translabrynthine Approach
  - 3) Right Translabrynthine Approach
4. Acoustic Neuroma Part 4
  - 1) Right Retrosigmoid Approach
  - 2) Right Middle Fossa Approach
5. Aneurysm
  - 1) Right Intracavernous Giant Aneurysm  
(EC-M2 Bypass)
  - 2) Left VA-PICA Aneurysm
  - 3) Basilar Tip Aneurysm
6. Glomus Jugular Tumor
  - 1) Right Glomus Jugular Tumor
  - 2) Right Glomus Jugular Tumor
  - 3) Left Glomus Jugular Tumor
7. Pituitary Adenoma
  - 1) Endonasal Paraseptal Approach
  - 2) Nonfunctional Pituitary Adenoma
8. Neuromas
  - 1) Right Trigeminal Neuroma (Cavernous Sinus-V3)
  - 2) Right Facial Nerve Neuroma
  - 3) Left Glossopharyngeal Neuroma
9. Jugular Foramen Neuroma Part 1
  - 1) Left Jugular Foramen Neuroma
  - 2) Left Jugular Foramen Neuroma
  - 3) Left Jugular Foramen Neuroma
10. Jugular Foramen Neuroma Part 2
  - 1) Right Jugular Foramen Neuroma
  - 2) Left Jugular Foramen Neuroma
11. Meningioma Part 1
  - 1) Left Jugular Foramen Meningioma
- 2) Left Cavernous Sinus Petroclival Meningioma
- 3) Left Optic Canal Tuberculum Sellae Meningioma
12. Meningioma Part 2
  - 1) Left Clinoidal Meningioma
  - 2) Right Petroclival Meningioma
  - 3) Foramen Magnum, C1-C2 Meningioma
  - 4) Right Petroclival Meningioma
13. Cavernous Sinus Tumors
  - 1) Giant Pituitary Adenoma
  - 2) Left Cavernous Sinus Clival Chordoma
  - 3) Right Intracavernous Sinus Chordoma
14. MVD for Hemifacial Spasm
  - 1) Left Hemifacial Spasm
  - 2) Left Hemifacial Spasm
  - 3) Left Hemifacial Spasm
  - 4) Right Hemifacial Spasm

2007~2014 CAROLINA Series-2 13DVD's "COMING SOON"



# ***Fukushima Keyhole Microneurosurgery DVD***

## **“AMAZING MIRACULOUS SURGERY!”**

Dr. Takanori Fukushima received his neurosurgical training at the University of Tokyo Hospital, the Free University of Berlin, and the Mayo Clinic in Rochester, Minnesota.

Dr. Fukushima is internationally renowned for his research and clinical work in the treatment of skull base tumors, aneurysms and AVMs.

He is an honorary professor at the Karolinska Institute in Stockholm, Sweden, at the Mediterranean University of Marseille in France, at Frankfurt University in Germany and at San Rossore Hospital in Pisa, Italy. Currently, Dr. Fukushima is a Professor at Duke University Medical Center and also works as the Director of Carolina Neuroscience Institute (CNI) and is the Director of the International Neurosurgical Education & Research Foundation (INERF)

Dr. Fukushima's achievement:

- Achieved the world's largest surgical record of over 9000 skull base tumors with his innovative skull base approaches and excellent results.
- Originator of "Keyhole" microsurgery since 1981.
- Pioneered Minimally Invasive Neurosurgery Techniques.
- Developed the first flexible neuro-endoscope in 1969.
- Developed the Fukushima skull base carotid bypass with 122 cases since 1986.
- Inventor of a variety of Fukushima microsurgical instruments since 1980.
- Specializes in pathology of the cranial nerves with over 6000 cases with hemifacial spasm, trigeminal neuralgia, and glossopharyngeal neuralgia.
- Operated on over 2300 pituitary adenoma cases.
- Operated on over 1800 acoustic neuroma cases with excellent facial function and hearing preservation.
- Has extensive experience with C-P angle tumors, craniopharyngiomas (264 cases), pineal tumors (134 cases), jugular foramen tumors (260 case), and direct cavernous sinus surgery (500 cases).
- Operated on over 2000 cerebral aneurysm surgery cases.

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4030 Wake Forest Road Suite 115 Raleigh, NC 27609 USA

Telephone : 919-239-0239 / E-mail : [afneurovideo@carolinaneuroscience.com](mailto:afneurovideo@carolinaneuroscience.com)



### **Direction House Inc.**

URL:<http://www.directionhouse.com/> E-mail:[dh1@jt9.so-net.ne.jp](mailto:dh1@jt9.so-net.ne.jp)

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