

SECTION 1

Skull Base Radiosurgery: The Basics

- 1 Stereotactic Radiosurgery Machines
- 2 Fundamentals of Radiobiology for Radiosurgery
- 3 Stereotactic Radiosurgery/Radiotherapy with Particle Therapy
- 4 Dose Tolerances of Normal Tissues in Skull Base Radiosurgery

SECTION 2

Olfactory Groove/Planum Sphenoidale/Paranasal Region

- 5 Esthesioneuroblastoma – Delayed Postoperative Radiosurgery for Recurrence at Short-Term
- 6 Esthesioneuroblastoma – Delayed Postoperative Radiosurgery for Recurrence at Long-Term
- 7 Olfactory Groove Meningioma – Upfront Radiosurgery
- 8 Planum Sphenoidale Meningioma – Upfront Radiosurgery
- 9 Planum Sphenoidale/Orbital Roof Meningioma – Delayed Postoperative Radiosurgery for Recurrence
- 10 Paranasal Sinus Melanoma – Definitive Stereotactic Body Radiation Therapy

SECTION 3

Sellar/Suprasellar/Parasellar Region – Pituitary Adenoma

- 11 Null Cell – Delayed Postoperative Radiosurgery for Growing Intracavernous Residual
- 12 Null Cell – Delayed Postoperative Radiosurgery for Growing Perioptic Residual
- 13 ACTH Secreting – Delayed Postoperative Radiosurgery of Gland for Recurrent Pathology-Negative Cushing Disease
- 14 Growth Hormone Secreting – Immediate Postoperative Radiosurgery for Residual
- 15 Prolactinoma – Immediate Postoperative Radiosurgery for Residual

SECTION 4

Sellar/Suprasellar Region – Other Than Pituitary Adenoma

- 16 Craniopharyngioma – Delayed Postoperative Radiosurgery for Recurrence
- 17 Tuberculum Sella Meningioma – Upfront Radiosurgery
- 18 Suprasellar Meningioma – Immediate Postoperative Radiosurgery for Residual
- 19 Suprasellar Non-Small Cell Lung Carcinoma Metastasis – Upfront Radiosurgery

SECTION 5

Parasellar Space/Cavernous Sinus Region

- 20 Trigeminal Schwannoma – Upfront Radiosurgery
- 21 Trigeminal Schwannoma – Upfront, Staged Volume Radiosurgery
- 22 Cavernous Sinus Meningioma – Upfront Radiosurgery
- 23 Cavernous Sinus Meningioma – Immediate Postoperative Radiosurgery for Perioptic Residual
- 24 Cavernous Sinus Meningioma – Immediate Postoperative Radiosurgery for Residual Tumor After Repeat Resection

SECTION 6

Clivus/Petroclival Junction

- 25 Chondrosarcoma – Definitive Radiosurgery After Subtotal Resections
- 26 Chordoma – Immediate Postoperative/PostProton Therapy Radiosurgery for Residual Disease
- 27 Cavernous Sinus/Petroclival Meningioma – Immediate Postoperative Radiosurgery for Residual/Postoperative Radiosurgery for Recurrence
- 28 Chondrosarcoma/Trigeminal Neuralgia – Upfront, Multisession Radiosurgery/Postoperative Radiosurgery for Trigeminal Neuralgia

SECTION 7

Cerebellopontine Angle Region – Other Than Vestibular Schwannoma

- 29 Petrous Apex Meningioma – Upfront Radiosurgery
- 30 Sphenopetroclival Meningioma – Delayed Postoperative Radiosurgery for Growing Residual
- 31 Petrous Ridge/Sigmoid Sinus Meningioma – Upfront Radiosurgery
- 32 Petrosal Surface/Sigmoid Sinus Meningioma – Delayed Postoperative Multisession Radiosurgery for Growing Residual
- 33 Endolymphatic Sac Tumor – Immediate Postoperative Radiosurgery of Surgical Bed
- 34 Cisternal Trigeminal Schwannoma – Upfront Radiosurgery
- 35 Trochlear Schwannoma – Upfront Radiosurgery

SECTION 8

Internal Auditory Canal/Cerebellopontine Angle Region – Vestibular Schwannoma and Facial Schwannoma

- 36 Medium Vestibular Schwannoma without Hearing Deficit – Upfront Radiosurgery
- 37 Medium Vestibular Schwannoma with Hearing Deficit – Upfront Radiosurgery
- 38 Large Vestibular Schwannoma – Immediate Postoperative Radiosurgery for Residual
- 39 Large Vestibular Schwannoma – Delayed Postoperative Radiosurgery for Growing Residual
- 40 Small Vestibular Schwannoma with Hearing Deficit – Upfront Radiosurgery
- 41 Small Facial Schwannoma with Hearing Deficit – Upfront Radiosurgery

SECTION 9

Trigeminal Neuralgia

- 42 Trigeminal Neuralgia due to Microvascular Conflict – Upfront Radiosurgery
- 43 Idiopathic Trigeminal Neuralgia – Upfront Radiosurgery
- 44 Trigeminal Neuralgia due to Trigeminal Schwannoma – Upfront Radiosurgery
- 45 Trigeminal Neuralgia due to Petroclival Meningioma – Upfront Radiosurgery

SECTION 10

Jugular Foramen Region

- 46 Capillary Hemangioma – Postoperative Radiosurgery for Residual Tumor
- 47 Jugular Foramen/Sigmoid Sinus Meningioma – Postoperative Radiosurgery for Residual Tumor
- 48 Jugular Foramen Meningioma – Upfront Radiosurgery
- 49 Jugular Paraganglioma – Postoperative Radiosurgery for Residual Tumor
- 50 Jugular Paraganglioma – Upfront Radiosurgery
- 51 Vagal Schwannoma – Postoperative Radiosurgery for Residual Tumor
- 52 Jugular Foramen Schwannoma – Upfront Radiosurgery
- 53 Jugular/Clival Paraganglioma – Delayed Postembolization, Multisession Radiosurgery for Growing Residual

SECTION 11

Foramen Magnum/Clivus Region

- 54 Foramen Magnum Meningioma – Upfront Radiosurgery
- 55 Foramen Magnum/Petroclival Meningioma – Immediate Postoperative Radiosurgery for Residual
- 56 Occipital Condyle/Clivus/C1 Vertebra Metastasis – Upfront Stereotactic Body Radiation Therapy

SECTION 12

Major Sinuses

- 57 Superior Sagittal/Transverse Sinuses Meningioma – Immediate Postoperative, Staged-

volume Radiosurgery for Residual/Delayed Postoperative Radiosurgery for Growing Residual

58 Superior Sagittal Sinus Meningioma – Delayed Postoperative, Multisession Radiosurgery for Growing Residual

59 Superior Sagittal Sinus Meningioma – Immediate Postoperative Radiosurgery for Residual

60 Torcular/Tentorial Meningioma – Upfront Radiosurgery

61 Transverse Sinus Dural Arteriovenous Fistula – Upfront, Preembolization Radiosurgery

62 Tentorial Dural Arteriovenous Fistula – Upfront Radiosurgery