



14TH CONGRESS OF THE EUROPEAN SKULL BASE SOCIETY

Riva del Garda, Italy 20-23 April 2022

FROM OUR MASTERS TO THE FUTURE

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TENTATIVE PROGRAM

- INSTRUCTIONAL COURSE
- KEYNOTE LECTURE
- HOT TOPICS
- HOW I DO IT
- FACE TO FACE
- PANEL DISCUSSION
- ROUND TABLE
- LUNCH WITH THE PROFESSORS
- SYMPOSIUM
- FREE PAPERS
- VIDEO
- PLENARY SESSION

UPDATE 28TH FEBRUARY 2022

WEDNESDAY 20TH APRIL 2022 AFTERNOON

Time	GARDA 1 ROOM	GARDA 2 ROOM	DOLOMITI 1 ROOM	DOLOMITI 2 ROOM	LIMONI ROOM	BELVEDERE ROOM	LEDRO ROOM	TENNO ROOM	VIDEO ROOM
14.00 15.00					INSTRUCTIONAL COURSE The Gruppo Otologico experience in Vestibular Schwannoma management: lesson learnt in over 5000 cases Speakers: M. Sanna, G. Piras, L. Lauda, A. Caruso	INSTRUCTIONAL COURSE Endoscopic endonasal repair of CSF leak. A step by step approach Speaker: J. DelGaudio	INSTRUCTIONAL COURSE Petrous bone cholesteatoma management Speaker: M. Falcioni		
15.00 16.00					INSTRUCTIONAL COURSE Pure endoscopic and combined approaches to petrous apex lesions Speaker: A. Bizzoni	INSTRUCTIONAL COURSE Endoscopic assisted lateral skull base surgery Speaker: D. Marchioni	INSTRUCTIONAL COURSE Tips and tricks in sellar and parasellar endoscopic surgical approaches Speaker: D. Locatelli	INSTRUCTIONAL COURSE Modern diagnosis and contemporary management of CSF leaks and dura lesions Speaker: C. Meco	
16.00 17.00					INSTRUCTIONAL COURSE Endoscopic management of the Internal carotid artery Speaker: A. Solares	INSTRUCTIONAL COURSE Temporal bone carcinomas: Dutch and international cohort Speaker: D. Kunst	INSTRUCTIONAL COURSE TBC Speaker: S. Gerevini		
17.00 18.00					INSTRUCTIONAL COURSE Nasofaringeal endonasal resection: personal experience Speakers: P. Castelnuovo, P. Battaglia, A. Karligkiotis, M. Turri Zanoni	INSTRUCTIONAL COURSE Skull base reconstruction. Surgical ratio and technique Speaker: M. Jurlina	INSTRUCTIONAL COURSE Multidisciplinary team approach for the management of vestibular schwannoma Speaker: B. Sergi		
18.00 19.00					INSTRUCTIONAL COURSE Neuro-monitoring in skull base surgery Speaker: C. Foresti, B. Frigeni	INSTRUCTIONAL COURSE Surgical approaches to meningiomas of the cranio-cervical junction Speaker: C. Bernucci	INSTRUCTIONAL COURSE 3D printing and applications models in skull base surgery Speaker: K. VanKoevering	INSTRUCTIONAL COURSE What's new in facial nerve reconstruction? The perspective of a 20-year-old Facial Nerve Unit Speaker: L. Lassaletta	

Time	GARDA 1 ROOM	GARDA 2 ROOM	DOLOMITI 1 ROOM	DOLOMITI 2 ROOM	LIMONI ROOM	BELVEDERE ROOM	LEDRO ROOM	TENNO ROOM	VIDEO ROOM
08.00 08.30	KEYNOTE LECTURE Current status of decision making in surgical approach for VS <i>Speaker:</i> M. Aristegui	KEYNOTE LECTURE Updating conventional surgical procedures with new techniques and new indications to Vestibular Schwannoma <i>Speaker:</i> E. Zanoletti	KEYNOTE LECTURE Endoscopic management of orbital lesions <i>Speaker:</i> A. Karligkiotis	HOT TOPICS Cranial base malignant tumors <i>Speaker:</i> M. Turri Zanoni	HOW I DO IT ICA transposition in extended transnasal approaches to petroclival and petrous apex region <i>Speaker:</i> I. Dallan	HOT TOPICS Transnasal transclival approach for clivus chordoma <i>Speaker:</i> E. Pasquini	KEYNOTE LECTURE Facial pain syndromes including SUNCT relating to acromegaly <i>Speaker:</i> S. Barazi	FREE PAPERS	VIDEOS & 3D VIDEOS
	PANEL DISCUSSION PARANGLIOMAS: is something changed? <i>Moderator:</i> M. Gleeson <i>Panelists:</i> A. Taibah, R. Pareschi, D. Kunst, J. Schipper, A. Nicolato	PANEL DISCUSSION Pituitary endoscopic hints <i>Moderator:</i> D. Locatelli <i>Panelists:</i> M. Jurlina, R. Bosnjak, N. Gazioglu, V. Vander Poorten, C. Meco	PANEL DISCUSSION JNA <i>Moderator:</i> P. Nicolai <i>Panelists:</i> N. Prepageran, A. Schreiber, A. Karligkiotis, A. Bizzoni, J. DelGaudio	KEYNOTE LECTURE Superior Semicircular Canal Dehiscence Syndrome - diagnosis and surgical outcomes <i>Speaker:</i> S. Saeed	PANEL DISCUSSION Lateral skull base approaches: micro, endoscopic or both? <i>Moderator:</i> L. Poulsgaard <i>Panelists:</i> L. Presutti, D. Marchioni, J. Oertel, B. Isaacson, H. Schroeder	PANEL DISCUSSION Small and mid-size acoustic neuroma: when and why I do surgery? <i>Moderator:</i> E. Zanoletti <i>Panelists:</i> TBC, C. Matthies, B. Panizza, B. Masotto, A. Cerejo, P. Cayè-Thomasen	PANEL DISCUSSION Endoscopic approaches in paediatric patients <i>Moderator:</i> K. VanKoeveering <i>Panelists:</i> G. Cinalli, S. Linsler, G. Kahilogullari, L. Padayachy, D. Criminelli Rossi, R. Canevari	FREE PAPERS	
09.00 09.30				FACE TO FACE Clival endoscopic approaches <i>Moderator:</i> S. Agazzi <i>Panelists:</i> M. Iacoangeli, D. Bresson				FREE PAPERS	
09.30 10.00				KEYNOTE LECTURE EEA for Craniopharyngiomas <i>Speaker:</i> D. Mazzatenta				FREE PAPERS	
10.00 10.30	KEYNOTE LECTURE Hearing preservation & rehabilitation in VN's <i>Speaker:</i> J. Schipper	FACE TO FACE Small acoustic neuroma management <i>Moderator:</i> M. Link <i>Panelists:</i> I. Sabin, P. Axon	HOT TOPICS Surgical management of 1.500 Vestibular Schwannomas in the era of radiosurgery with focus on tumor control and cranial nerves function <i>Speaker:</i> M. Tatagiba	HOW I DO IT 3F reconstruction technique for the EEA <i>Speaker:</i> L.M. Cavallo	KEYNOTE LECTURE An old and evergreen road: the retrosigmoid approach for Petrosal Meningiomas and beyond <i>Speaker:</i> F. Tomasello	HOT TOPICS Induction Chemotherapy in Sinonasal Malignancies <i>Speaker:</i> K. VanKoeveering	HOT TOPICS Dutch national guideline for head and neck paragangliomas <i>Speaker:</i> D. Kunst D. Kunst	FREE PAPERS	

Time **GARDA 1 ROOM**

**10.30
12.30** **PLENARY SESSION**

Time	GARDA 1 ROOM	GARDA 2 ROOM	DOLOMITI 1 ROOM	DOLOMITI 2 ROOM	LIMONI ROOM	BELVEDERE ROOM	LEDRO ROOM	TENNO ROOM	VIDEO ROOM
12.30 13.00	KEYNOTE LECTURE Surgical Treatment of Jugular Foramen Lesions <i>Speaker:</i> N. Quaranta , F. Signorelli	PANEL DISCUSSION Skull base reconstruction after tumor resection <i>Moderator:</i> F. Muñoz Hernández <i>Panelists:</i> D. Kunst, D. Fliss, R. Bentley, A. Solares, M. Jurlina	GSB ROUND TABLE Establishing and organizing Skull Base Centers <i>Moderator:</i> K. Schwager Introducing Talk: Indicators and prerequisite for skull base centers <i>Speaker:</i> V. Gellner <i>Panelists:</i> A. Schramm, J. Schipper, N. Gellrich, T. Lenarz	HOW I DO IT CSF leak management in skull base <i>Speaker:</i> C. Georgalas	FREE PAPERS	FREE PAPERS	FREE PAPERS	FREE PAPERS	VIDEOS & 3D VIDEOS
	HOT TOPICS VS microenvironment - what is it and what can it do for you? <i>Speaker:</i> A. King			HOT TOPICS Team-Based Approach for the Management of Vascular Injury during Endoscopic Endonasal Surgery <i>Speaker:</i> C.H. Snyderman	FREE PAPERS	FREE PAPERS	FREE PAPERS	FREE PAPERS	FREE PAPERS
13.30 14.00									
14.00 14.30				LUNCH WITH THE PROFESSORS Pure endoscopic endonasal clipping of ICA aneurysms at the sphenoid sinus <i>Speaker:</i> A. Cordoba	LUNCH WITH THE PROFESSORS 3D printing applications across the head and neck <i>Speaker:</i> K. VanKoeveering	LUNCH WITH THE PROFESSORS Intraoperative management of the facial nerve during vestibular schwannoma surgery <i>Speaker:</i> L. Lassaletta	LUNCH WITH THE PROFESSORS Petrous bone meningioma <i>Speaker:</i> F. Calbucci		

**13.30
14.30** **Lunch**

Time	GARDA 1 ROOM								
14.30 16.30	OPENING CEREMONY								
Time	GARDA 1 ROOM	GARDA 2 ROOM	DOLOMITI 1 ROOM	DOLOMITI 2 ROOM	LIMONI ROOM	BELVEDERE ROOM	LEDRO ROOM	TENNO ROOM	VIDEO ROOM
16.30 17.00	HOW I DO IT	KEYNOTE LECTURE	KEYNOTE LECTURE	FACE TO FACE	HOT TOPICS	HOT TOPICS	HOT TOPICS	FREE PAPERS	VIDEOS & 3D VIDEOS
	Reluctant orbital cellulitis, how and what I do <i>Speaker:</i> S. Abdulrahman	Lessons learned after more than 250 endoscopic endonasal approaches <i>Speaker:</i> F. Muñoz Hernández	New strategies in large vestibular schwannoma <i>Speaker:</i> A. Dehdashti	Minimally invasive approaches to the skull base: are they really minimal? <i>Moderator:</i> P. Nicolai <i>Panelists:</i> C. Snyderman, R. Reisch	From cornea to chiasm: a skull base surgeon's perspective on the orbit <i>Speaker:</i> P. Recinos	Clinical gender and molecular features of NF2: results from over 1600 patients <i>Speaker:</i> G. Evans	Management of locally advanced sinonasal tumors: the RT point of view <i>Speaker:</i> B. Vischioni		
17.00 17.30	FACE TO FACE	HOW I DO IT	KEYNOTE LECTURE	HOT TOPICS	FACE TO FACE	HOW I DO IT	KEYNOTE LECTURE	FREE PAPERS	
	Radiotherapy <i>Moderator:</i> L. Fariselli <i>Panelists:</i> M. Krengli, P. Picozzi	Labbè procedure for long lasting facial nerve palsy management <i>Speaker:</i> D. Panciera	Diagnostic and therapeutic traps in skull base <i>Speaker:</i> L. Presutti	Petroclival meningiomas management <i>Speaker:</i> A. Nanda	Hearing rehabilitation after acoustic neuroma surgery <i>Moderator:</i> D. Baguley <i>Panelists:</i> R. Behr, T. Lenarz	Skull base chordoma and chondrosarcoma treatment <i>Speaker:</i> W. Van Furth	Endoscopic approach to the ITF and UPS <i>Speaker:</i> P. Battaglia		
17.30 19.00	PANEL DISCUSSION	PANEL DISCUSSION	PANEL DISCUSSION	PANEL DISCUSSION	PANEL DISCUSSION	PANEL DISCUSSION	PANEL DISCUSSION	FREE PAPERS	
	Orbital surgical strategies <i>Moderator:</i> D. Locatelli <i>Panelists:</i> I. Dallan, I. Alobid, N.C. Gellrich, B. Muaid, J. Enseñat	Integrated therapies for skull base tumors <i>Moderator:</i> M. Krengli <i>Panelists:</i> A. Iannalfi, S. Stacchiotti, E. Hug, M. Krengli	Neuromonitoring in skull base surgery: state of the art <i>Moderator:</i> C. Foresti <i>Panelists:</i> B. Frigeni, TBC, P. Lanteri, V. Deletis, C. Foresti	Surgical management of malignant tumors <i>Moderator:</i> P. Herman <i>Panelists:</i> P. Battaglia, D. Fliss, C. Snyderman, V. Vander Poorten, M. Hassab, R. Kamel	Benign tumors of the anterior skull base <i>Moderator:</i> M. Fontanella <i>Panelists:</i> S. Ahmed, R. Mannion, N. Thomas, G. Giourgos, N. Donnelly	Temporal bone malignancies: do they have a better prognosis? <i>Moderator:</i> G. Piras <i>Panelists:</i> D. Kunst, P. Axon, G. Danesi, E. Zanoletti, M. Aristegui	Challenges in small acoustic neuroma surgery <i>Moderator:</i> D. Marchioni <i>Panelists:</i> F. Dubrulle, A. King, K. Niemczyk, D. Bernardeschi, P. Cayè Thomasen		

Time	GARDA 1 ROOM	GARDA 2 ROOM	DOLOMITI 1 ROOM	DOLOMITI 2 ROOM	LIMONI ROOM	BELVEDERE ROOM	LEDRO ROOM	TENNO ROOM	VIDEO ROOM
08.30 08.30	KEYNOTE LECTURE	HOW I DO IT	KEYNOTE LECTURE	KEYNOTE LECTURE	HOW I DO IT	HOT TOPICS	HOW I DO IT	FREE PAPERS	VIDEOS & 3D VIDEOS
	Anatomy, techniques and Christopher Columbus: the never ending quest to flatten the skull base <i>Speaker: S. Agazzi</i>	The treatment of the skull base/parapharyngeal space tumors <i>Speaker: A.M. Poletti</i>	Boundaries in endonasal cranial base surgery <i>Speaker: A. Solares</i>	Actuality in facial reanimation <i>Speaker: F. Biglioli</i>	Decision making in frontal sinus approaches <i>Speaker: M. Bignami</i>	Malignant perineurial spread from clinic to the lab and back <i>Speaker: B. Panizza</i>	Vestibular Schwannoma - How I do it <i>Speaker: C. Matula</i>		
08.30 09.00	PANEL DISCUSSION	PANEL DISCUSSION	PANEL DISCUSSION	FACE TO FACE	PANEL DISCUSSION	PANEL DISCUSSION	PANEL DISCUSSION	FREE PAPERS	
	Giant Acoustic Neuroma: Management Paradigms <i>Moderator: R. Pareschi</i> <i>Panelists: M. Tatagiba, M. Sanna, M. Link, M. Saini, M. Marchetti</i>	Posterior fossa surgical strategies <i>Moderator: M. Skrap</i> <i>Panelists: D. D'Avella, M. Fontanella, A. Germanò, L. Mastronardi, G. Pinna</i>	Practical aspects in anterior skull base surgery <i>Moderator: K. Niemczyk</i> <i>Panelists: K. Niemczyk, T. Wojciechowski, T. Lyson, T. Gotlib, P. Gardner, M. Jurlina</i>	Craniopharingiomas <i>Moderator: D. Locatelli</i> <i>Panelists: N. Thomas, S. Gorelishev</i>	Carotid and its boundaries <i>Moderator: R. Carrau</i> <i>Panelists: P. Castelnuovo, A. AlQahtani, L.M. Cavallo, D. Bresson, V. Gellner</i>	Surgical management of malignant tumors: part II <i>Moderator: P. Herman</i> <i>Panelists: E. Hanna, G. Pradilla, P. Nicolai, B. Panizza, A. Solares</i>	Jugular foramen and craniocervical junction <i>Moderator: R. Mannion</i> <i>Panelists: F. Signorelli, R. Reisch, B. Visocchi, C. Bernucci, S. Froelich</i>		
09.00 09.30				KEYNOTE LECTURE				FREE PAPERS	
				Pressure related skull base pathology <i>Speaker: P. Axon</i>					
09.30 10.00				HOW I DO IT				FREE PAPERS	
				Far lateral approach: tips and tricks <i>Speaker: N. Thomas</i>					
10.00 10.30	HOT TOPICS	KEYNOTE LECTURE	KEYNOTE LECTURE	FREE PAPERS	FREE PAPERS	FREE PAPERS	FREE PAPERS	FREE PAPERS	
	TBC <i>Speaker: A. Mazzoni</i>	Anterior cranial fossa meningioma <i>Speaker: E. Maratos</i>	Endoscopic approach to giant pituitary adenomas <i>Speaker: C. Savas</i>						

Time	GARDA 1 ROOM								
10.30 12.30	PLENARY SESSION								

Time	GARDA 1 ROOM	GARDA 2 ROOM	DOLOMITI 1 ROOM	DOLOMITI 2 ROOM	LIMONI ROOM	BELVEDERE ROOM	LEDRO ROOM	TENNO ROOM	VIDEO ROOM
12.30 13.00			SPONSORED SYMPOSIUM						
			Clinical and surgical impact of VITOM® 3D and IMAGE1 S™ in Skull Base Surgery: an International experience sharing <i>Moderator: P. Ferrari</i>						
13.00 13.30			<i>Speakers: G. Danesi, D. Locatelli, F. Zenga, K. Niemczyk, N. Hopf, B. Koehler</i> <i>With the unconditional support of KARL STORZ</i>		LUNCH WITH THE PROFESSORS	LUNCH WITH THE PROFESSORS	LUNCH WITH THE PROFESSORS		
					TBC <i>Speaker: E. Giraldi</i>	Changing paradigms in decades of petrous apex lesions management <i>Speaker: C. Meco</i>	Combined supra and infratentorial asterional approach: from the lab to the OR <i>Speaker: A. Pompucci</i>		
12.30 13.30	Lunch								

Time	GARDA 1 ROOM	GARDA 2 ROOM	DOLOMITI 1 ROOM	DOLOMITI 2 ROOM	LIMONI ROOM	BELVEDERE ROOM	LEDRO ROOM	TENNO ROOM	VIDEO ROOM
13.30 14.00	KEYNOTE LECTURE	KEYNOTE LECTURE	KEYNOTE LECTURE	KEYNOTE LECTURE	HOW I DO IT	HOT TOPICS	HOT TOPICS	FREE PAPERS	VIDEOS & 3D VIDEOS
	Complications in endoscopic surgery <i>Speaker:</i> P. Herman	A high-tech playground for the next generation of neurosurgeons: real-time intraoperative imaging, virtual reality, simulation and new paradigms of training in neurosurgery <i>Speaker:</i> F. Di Meco	Radiosurgery in large and critically located skull base meningiomas: the emerging treatment paradigm <i>Speaker:</i> L. Fariselli	The rational management of Jugular and Vagal paragangliomas <i>Speaker:</i> R. Obholzer	My 30 years' experience with the middle cranial fossa surgery <i>Speaker:</i> M. Gjuric	UK National Vestibular Schwannoma audit: lessons learned <i>Speaker:</i> R. Mannion	Prospective quality of life analysis in Vestibular Schwannoma patients undergoing observation, radiation or surgery <i>Speaker:</i> M. Link		
14.00 14.30	HOT TOPICS	KEYNOTE LECTURE	KEYNOTE LECTURE	HOT TOPICS	HOW I DO IT	KEYNOTE LECTURE	HOT TOPICS	FREE PAPERS	
	Endoscopic transpterygoid approaches <i>Speaker:</i> R. Carrau	The role of endoscopic endonasal approaches for anterior fossa tumors <i>Speaker:</i> D.M. Prevedello	Facial nerve preservation strategy in acoustic neuroma surgery: is maximal safe resection or adaptive hybrid surgery the answer? <i>Speaker:</i> J.K. Liu	Treatment strategies for large or giant petroclival meningiomas <i>Speaker:</i> S. Froelich	3D virtual reconstruction for the maxilla and skull base <i>Speaker:</i> D. Fliss	ABI - What are the achievements, what the burden? <i>Speaker:</i> R. Behr	Petrous apex meningioma management <i>Speaker:</i> N. Thomas		
14.30 15.00	KEYNOTE LECTURE	PANEL DISCUSSION	KEYNOTE LECTURE	HOT TOPICS	PANEL DISCUSSION	HOT TOPICS	FREE PAPERS	FREE PAPERS	
	Treatment of craniopharyngiomas <i>Speaker:</i> P. Cappabianca	Skull base pathology with facial nerve involvement <i>Moderator:</i> B. Panizza <i>Panelists:</i> S. Saeed, A. Caruso, A. Deveze, S. Rutherford, G. De Donato	Innovations in cavernous sinus surgery <i>Speaker:</i> J. Miranda Fernandez	Giant acoustic neuroma treatment <i>Speaker:</i> L. Poulsgaard	Vestibular Schwannoma Management in NF2 <i>Moderator:</i> R. Obholzer <i>Panelists:</i> J. Tysome, R. Behr, G. Evans, E. Hensen, M. Tatagiba, J. Golfinos	The evolving role of a histology-driven approach to sinonasal cancers involving the anterior skull base <i>Speaker:</i> P. Nicolai			
15.00 15.30	HOT TOPICS		HOT TOPICS	HOT TOPICS		KEYNOTE LECTURE	FREE PAPERS	FREE PAPERS	
	Skull base reconstruction <i>Speaker:</i> P. Castelnuovo		Facial nerve preservation and radicality of resection in vestibular schwannomas: techniques, results and lessons learned from a series of 420 cases <i>Speaker:</i> J. Morcos	Management of petrous apex lesions <i>Speaker:</i> M. Sanna		Treatment strategies in paediatric endoscopic surgery: craniopharyngiomas and other lesions <i>Speaker:</i> D. Locatelli			
15.30 16.00	HOW I DO IT		FACE TO FACE	HOW I DO IT		SPONSORED SYMPOSIUM	FACE TO FACE	FREE PAPERS	
	Robotics in endoscopic transphenoidal surgery <i>Speaker:</i> F. Doglietto		Carotid artery management in skull base <i>Moderator:</i> R. Carrau <i>Panelists:</i> M. Sanna, N. Thomas	Surgical approach to petrous apex lesions <i>Speaker:</i> M.A. Arraez		Complex Chronic Rhinosinusitis. Treatments with Biologicals <i>Speaker:</i> P. Battaglia <i>With the unconditional support of SANOFI</i>	Central skull base tumors: lateral vs anterior approaches <i>Moderator:</i> P. Gardner <i>Panelists:</i> H. Schroeder, J. Lehmberg		

Time **GARDA 1 ROOM**

**16.00
17.30** **PLENARY SESSION**

Time	GARDA 1 ROOM	GARDA 2 ROOM	DOLOMITI 1 ROOM	DOLOMITI 2 ROOM	LIMONI ROOM	BELVEDERE ROOM	LEDRO ROOM	TENNO ROOM	VIDEO ROOM
17.30 18.00	PANEL DISCUSSION	PANEL DISCUSSION	PANEL DISCUSSION	HOW I DO IT	PANEL DISCUSSION	PANEL DISCUSSION	PANEL DISCUSSION	FREE PAPERS	VIDEOS & 3D VIDEOS
	Petroclival meningiomas: are they totally resectable? <i>Moderator:</i> A. King <i>Panelists:</i> N. Thomas, P. Ferroli, A. Nanda, F. Calbucci, F. Zenga	The role of tumor board in skull base malignant tumor <i>Moderator:</i> P. Nicolai <i>Panelists:</i> L. De Cecco, P. Bossi, M. Turri Zanoni, E. Orlandi, D. Marchioni	Clivus Chordomas and Condrosarcomas: surgical strategy vs quality of life <i>Moderator:</i> S. Wolfsberger <i>Panelists:</i> P. Gardner, D. Mazzatenta, S. Froelich, P. Herman, J. Lehmberg, E. Maratos	Endoscopic neurosurgery - a challenge for respecting the physiological structures of the nose - how I do it <i>Speaker:</i> M. Mokry	Multiple and bilateral paragangliomas: management and QOL <i>Moderator:</i> J. Jansen <i>Panelists:</i> T. Jansen, M. Falcioni, S. Lloyd, J. Jansen, R. Obholzer	Neurological rehabilitation after skull base surgery <i>Moderator:</i> N. Donnelly <i>Panelists:</i> F. Biglioli, D. Rabbiosi, T. Lenarz, D. Baguley, P. Cayè-Thomasen	Giant Cholesteatoma <i>Moderator:</i> P. Axon <i>Panelists:</i> S. Saeed, E. Piccirillo, J. Mulder, T. Somers, R. Irving		
				FACE TO FACE				FREE PAPERS	
18.00 18.30				Anterior skull base meningiomas: open vs endoscopy - when and why <i>Moderator:</i> J. Tysome <i>Panelists:</i> D. Prevedello, R. Stefini					
18.30 19.00				HOW I DO IT				FREE PAPERS	
				Endoscopy in cerebellopontine angle surgery <i>Speaker:</i> I. Oertel					

Time	GARDA 1 ROOM	GARDA 2 ROOM	DOLOMITI 1 ROOM	DOLOMITI 2 ROOM	LIMONI ROOM	BELVEDERE ROOM	LEDRO ROOM	TENNO ROOM	VIDEO ROOM
08.00 08.30	HOT TOPICS	FACE TO FACE	KEYNOTE LECTURE	FACE TO FACE		HOT TOPICS	HOT TOPICS	FREE PAPERS	VIDEOS & 3D VIDEOS
	Dural Closure without flap: Our Technique <i>Speaker:</i> J. Oertel	Cavernous sinus surgery: open vs endoscopy <i>Moderator:</i> J. Lehmborg <i>Panelists:</i> J. Miranda Fernandez, D. Mazzatenta	Evolution, achievements and visionary outlook in orbital surgery <i>Speaker:</i> N.C. Gellrich	Controversies in pituitary surgery <i>Moderator:</i> S. Wolfsberger <i>Panelists:</i> R. Reisch, C. Savas		TBC <i>Speaker:</i> D. Haenggi	Anatomic and technological nuances in advanced approaches to the sinuses and skull base <i>Speaker:</i> P. Tomazic		
08.30 09.00	HOW I DO IT	KEYNOTE LECTURE	KEYNOTE LECTURE	HOT TOPICS	HOW I DO IT	HOT TOPICS	KEYNOTE LECTURE	FREE PAPERS	
	Endovascular ICA stents <i>Speaker:</i> A. Giorgianni	Dumbbell-shaped adenomas and giant adenomas <i>Speaker:</i> S. Wolfsberger	Cavernous sinus: a no-go area? <i>Speaker:</i> J. Lehmborg	Complications following endoscopic endonasal surgery <i>Speaker:</i> P. Gardner	Effectiveness of preoperative embolization in skull base meningiomas management <i>Speaker:</i> M. Skrap	Just a few more moments of your time please. A reflection on 40 years of clinical practice <i>Speaker:</i> M. Gleeson	Combined transcranial and endoscopic approaches in anterior skull base surgery <i>Speaker:</i> F. Pozzi		
09.00 09.30	PANEL DISCUSSION	PANEL DISCUSSION	PANEL DISCUSSION	FACE TO FACE	FREE PAPERS	HOT TOPICS	PANEL DISCUSSION	FREE PAPERS	
	Skull base meningiomas: part II <i>Moderator:</i> Y. Temel <i>Panelists:</i> S. Rutherford, S. Froelich, I. Elmaci, D. Prevedello, L. Poulsgaard, M. Arraez	Training and new advances <i>Moderator:</i> M. Gleeson <i>Panelists:</i> TBC, A. Demetriades, C. Snyderman, D. Barrow, A. Solares	Jugular foramen and cranio-cervical junction: part II <i>Moderator:</i> J. Liu <i>Panelists:</i> N. Thomas, G. Danesi, R. Obholzer, N. Hopf, K. Fugleholm	Petroclival meningiomas: is still possible to achieve a more radical removal? <i>Moderator:</i> M. Tatagiba <i>Panelists:</i> R. Mannion, R. Pareschi		New technology improves hearing preservation in skull base surgery <i>Speaker:</i> P. Cayè-Thomasen	Facial nerve schwannomas management <i>Moderator:</i> M. Aristegui <i>Panelists:</i> L. Lassaletta, T. Somers, K. Niemczyk, E. Piccirillo, P. Recinos		
09.30 10.00				KEYNOTE LECTURE	FREE PAPERS	HOT TOPICS		FREE PAPERS	
				Tuberculum sellae meningioma - the controversy goes on <i>Speaker:</i> H. Schroeder		TBC <i>Speaker:</i> S. Gerevini			
10.00 10.30				KEYNOTE LECTURE	HOW I DO IT	HOT TOPICS		FREE PAPERS	
				Posterior fossa meningiomas: surgical strategies <i>Speaker:</i> R. Pareschi	Spheno-orbital meningiomas: single stage decompression-reconstruction treatment <i>Speaker:</i> A. Pompucci	Brainstem Surgery: surgical considerations <i>Speaker:</i> M. Cenzato			
10.30 11.00	PANEL DISCUSSION	FREE PAPERS	FREE PAPERS	HOT TOPICS	PANEL DISCUSSION	FREE PAPERS	FREE PAPERS	FREE PAPERS	
	Chordomas and Condrosa. Management: part II <i>Moderator:</i> S. Froelich <i>Panelists:</i> Y. Temel, S. Raza, S. Agazzi, M. Krenfli, W. Van Furth			The value of the “wait and scan policy” in acoustic neuroma management <i>Speaker:</i> G. Danesi	Cerebrovascular disease <i>Moderator:</i> F. Calbucci <i>Panelists:</i> D. Barrow, M. Cenzato, J. Morcos, P. Gardner, F. Calbucci				
11.00 11.30		FREE PAPERS	FREE PAPERS	HOT TOPICS		FREE PAPERS	FREE PAPERS	FREE PAPERS	
				Endoscopy in sellar pathology: just looking around the corner? <i>Speaker:</i> D. Locatelli					
11.30 12.00		KEYNOTE LECTURE	KEYNOTE LECTURE	FACE TO FACE		HOT TOPICS	HOT TOPICS	FREE PAPERS	
		Skull base surgery in the 21 st century <i>Speaker:</i> D. Fliss	Microvascular decompression for irritative cranial nerve syndromes <i>Speaker:</i> P. Ferroli	Dilemmas in temporal paragangliomas: partial vs total removal <i>Moderator:</i> G. Danesi <i>Panelists:</i> J. Liu, R. Obholzer		TBC <i>Speaker:</i> T.R. Meling	The evolution and current results of minimally invasive surgery for anterior circulation aneurysms <i>Speaker:</i> I. Radovanovic		
Time	GARDA 1 ROOM								
12.00 13.30	PLENARY SESSION								