

April 21st 2022 –Thursday

08:00 am	Main Auditorium			
Opening Ceremony				
Plenary Session Lectures Covid 19: lessons from the data The endoscopic endonasal anatomy, unveiling the mystery of the brain from below From sinus to skull base surgery – a step by step education				
10:00 am	Break			
	Room 1 Simultaneous translation available	Room 2	Room 3 Simultaneous translation available	Room 4
10:30 am	Panel – Rhinology 1 Pathogenesis of chronic rhinosinusitis The role of genetics The influence of bacteria The importance of endotypes Epthelial barrier dysfunction	Panel – Skull Base 1 Skull base surgery: anatomy and approaches Anatomico-radiological correlation for planning pituitary Multiportal approaches to the skull base surgery Transplanum approach for supra sellar lesions Transclival approach for posterior fossa lesions Endoscopic endonasal approach to the craniocervical junction	Panel – Rhinology 2 Nasal airflow patterns Nasal airflow: all you should know about it Acoustic rhinometry:basic and our routine application Middle turbinate: what’s the role in the nasal ventilation Nasal aerodynamics: the ventilation concepts during surgery	Instructional Course 1 LIVE DISSECTION Endoscopic sinus surgery: from the basic to the advanced
	Break 12:00 – 13:00 pm - Satellite Symposia			

02:00 pm	<p>Panel – Rhinology 3</p> <p>Rhinological diseases in the pediatric population</p> <p>Acute rhinosinusitis in children: still a challenge</p> <p>Diagnosis in CRS in children: a challenging task</p> <p>Cystic fibrosis: what is new?</p> <p>Rational use of investigational image studies</p> <p>Sinus surgery in children. When and How?</p>	<p>Panel – Skull Base 2</p> <p>Pituitary surgery</p> <p>Sellar and parasellar anatomy: intra-extra cranial correlations</p> <p>Surgical indications for pituitary tumors</p> <p>Endoscopic pituitary surgery: how we do it?</p> <p>Combined endoscopic transsphenoidal and tubular retractor: assisted transventricular approach for giant pituitary adenomas</p> <p>Complications following endoscopic pituitary surgery</p>	<p>Panel – Rhinology 4</p> <p>Investigations and management of smell disorders</p> <p>Assessing patients with olfactory dysfunction</p> <p>Imaging methods in rhinology: differential diagnosis</p> <p>Digital scent device: a new concept for olfactory assessment</p> <p>The best oral options treatment</p> <p>Olfactory training: what can be restored?</p>	<p>Mini Course 1 – Rhinology</p> <p>Septoplasty and turbinates surgery: how we do it Tips and pitfalls</p> <p>Pyriform turbinoplasty and lateral nasal wall lateralization, a novel technique</p> <p>Inferior turbinoplasty</p> <p>Inferior turbinoplasty with vascular control: technique and results</p> <p>Caudal septum deviation surgery</p> <p>Endoscopic septoplasty</p>
03:30pm	Break			
04:00 pm	<p>Mini-Seminar 1 Pediatric Issues in Rhinology</p> <p>Endoscopic dacryocysto - rhinostomy, how I do it</p> <p>Recurrent rhinosinusitis in children: how to evaluate immunodeficiencies?</p> <p>The best time to operate patients with nasal malformation</p> <p>Epistaxis in children: causes and tips of management</p> <p>Management of meningoencephaloceles in children</p>	<p>Mini-Seminar – Skull Base 1</p> <p>Maximizing pituitary gland preservation and visual function in pituitary surgery</p> <p>Current role of inferior petrosal sinus sampling in Cushing's disease</p> <p>Nuances in the surgical treatment of Cushing's disease</p> <p>Pituitary stalk lesions: a challenging diagnosis</p> <p>Transnasal endoscopic surgery for craniopharyngioma</p> <p>Closure of large anterior skull base defects after endoscopic transnasal craniotomy</p> <p>Skull base chordomas: anatomical, surgical and molecular perspectives</p>	<p>Panel – Rhinology 05</p> <p>Management of severe epistaxis</p> <p>The importance of topodiagnosis for severe epistaxis</p> <p>Severe epistaxis: a protocol of diagnosis and treatment – for sinonasal bleeding "S" point</p> <p>Management of severe epistaxis: the rhinologist "karma"</p> <p>Endoscopic endonasal control of severe epistaxis</p> <p>The utility of tranexamic acid for sinonasal bleeding</p>	<p>Mini Course 2 – Rhinology</p> <p>Endoscopic sinus surgery: Tips and pitfalls</p> <p>Pre operative CT imaging: checklist for functional sinus surgery: a friendly user tool</p> <p>Step by step anatomy of endoscopic approaches</p> <p>Functional sinus surgery: moving away from a dis-cussion on extent to one of logic</p> <p>Post-operative management</p>

05:30 06:30 pm	<p>OSAS: impact on children's development</p> <p>Pediatric OSAS: what do we know?</p> <p>OSAS: when adenotonsillectomy fails</p> <p>Discussion</p> <p>Mini-Seminar 1 Pediatric Issues in Rhinology</p>	<p>Sunset debate – Skull Base 1</p> <p>Craniopharyngioma: a challenge lesion</p> <ol style="list-style-type: none"> 1. partial vs radical resection 2. endonasal vs open approaches 	<p>Sunset Debate – Rhinology 1</p> <p>Biologics and surgery in CRSwNP: for whom, which and when? real life cases</p>	
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April 22nd 2022 – Friday

	Room 1	Room 2	Room 3	Room 4
08:00 am	<p>Keynote Lecture – Rhinology 1</p> <p>Wound healing after endoscopic sinus surgery</p>	<p>Keynote Lecture – Skull Base 1</p> <p>How I do it: angiofibroma surgery</p>	<p>Keynote Lecture - Facial Plastic Surgery 1</p> <p>Preservation rhinoplasty: a life time experience</p>	
08:30 am	<p>Panel – Rhinology 06</p> <p>Frontal sinus: current approaches and updates</p> <p>Can DICOM viewers improve your surgical planning in frontal sinus?</p> <p>The frontal recess surgery: anatomical concept</p> <p>Surgical of the frontal sinus: how I do it</p> <p>How do I frontal sinus surgery</p> <p>Surgical alternatives to the frontal sinus including the Draf techniques and external approaches: when and how.</p>	<p>Panel – Skull Base 3</p> <p>Skull base meningiomas: endoscopic or open approaches?</p> <p>Tuberculum sellae meningiomas: is there a better approach?</p> <p>How to manage cavernous sinus meningiomas</p> <p>Anterior skull base meningiomas: making decision</p> <p>Clivus and posterior fossa meningiomas</p> <p>The role of radiotherapy in skull base meningiomas</p>	<p>Panel – Facial Plastic Surgery 1</p> <p>Rhinoplasty excellence: different ways, common goal</p> <p>Sponsored by the Brazilian Academy of Facial Plastic Surgery</p> <p>Closed rhinoplasty: which cases we can use it?</p> <p>Optimazing techniques for tip definition</p> <p>En block dorsal graft: easy way to stabilize and fix it</p>	<p>Instructional Course 2</p> <p>Rhinoplasty in RHIMOT (rhinoplasty model training)</p>
10:00 am	Break			

10:30 am	<p>Panel – Rhinology 07</p> <p>Nasal Polyposis: what you should know</p> <p>How endotypes and phenotypes influence nasal polyps diagnosis and treatment</p> <p>Biomechanics of nasal polyps formation</p> <p>How much sinus surgery is enough</p> <p>Imunobiological: how do they work?</p> <p>Nasal hamartoma; the importance of differential diagnosis</p>	<p>Panel – Skull Base 4</p> <p>Orbital surgery</p> <p>Endoscopic endonasal anatomy of the approaches to the orbit, orbital apex and optic canal</p> <p>Expanding the limits of orbital tumors resection with 3D technology</p> <p>Approaches to the orbit: how to select the best option based on tumor location</p> <p>Endonasal endoscopic approaches for orbital diseases</p> <p>How to deal with orbital involvement by malignant tumors</p>	<p>Panel – Facial Plastic Surgery 2</p> <p>Tips and pitfalls in rhinoplasty</p> <p>The role of Septoplasty in Rhinoplasty</p> <p>Objective measurements in rhinoplasty</p> <p>Hybrid rhinoplasty:dorsum preservation in tip structure</p> <p>Reduction rhinoplasty: how I deal with a large nose</p> <p>Septal extension graft and the importance of the resting angle</p>	<p>Instructional Course 2</p> <p>Rhinoplasty in RHIMOT (rhinoplasty model training)</p> <p>Cont. course 2 - Room 5 - 02:00 - 05:30 pm - Dissection on the RHIMOT</p> <p>Video Session</p> <p>Upper airway surgery for OSA</p> <p>Nasal proceduresSA</p> <p>Palatal procedures</p> <p>Pharyngoplasty</p> <p>Tongue base surgery</p> <p>Maxilomandibular advancement for OSA - indications and results</p>
12:00 pm	<p>Break 12:30 – 13:30 pm - Satellite Symposia</p>			
02:00 pm	<p>Panel – Rhinology 08</p> <p>Medical and alternative therapy for rhinitis</p> <p>What is the value of inflammatory cells for the diagnosis of rhinitis</p> <p>How I treat patients with allergic rhinitis in my office</p> <p>Phytotherapy: past, present and future</p> <p>Homeopathy - an extra tool in rhinology affections</p>	<p>Panel – Skull Base 5</p> <p>Nasal and skull base malignancies</p> <p>Factors affecting survival in esthesioneuroblastoma: the Mayo Clinic Experience</p> <p>Endoscopic resection of sinonasal cancers: oncologic outcomes</p> <p>Craniofacial resection of sinonasal malignancy: long term follow - up</p> <p>Craniofacial resection of advanced cutaneous tumors of the midface</p> <p>Surgery for nasal and sinus cancers: role of endoscopic and open resection</p>	<p>Video Session – Rhinoplasty</p> <p>Sponsored by the Brazilian Academy of Facial Plastics Surgery</p>	<p>Instructional Course 3</p> <p>3-D Anatomy: nasal cavity, paranasal sinuses and sella</p> <p>Introduction</p> <p>3D anatomy of the nasal cavity and paranasal sinus</p> <p>3D anatomy of sphenoid sinus and correlated surrounding</p> <p>3D Sellar and suprasellar anatomy</p> <p>Questions & Discussion</p>
03:30 pm	<p>Break</p>			

04:00 pm	Miniseminar 2 - Rhinology Differential diagnosis of sphenoid sinus diseases Angiofibroma:origin and in- tracraniel pathways of spread Nuances in anfiofibroma surgery Surgery of anfiofibroma,step by step: our experience Risk factors for recurrence in sinonasal inverted papilloma Maxillary osteonecrosis: a new challenge? New trends in cystic fibrosis	Mini-Seminar – Skull Base 2 Endoscopic endonasal odontoid resection Olfactory outcomes after combined endoscopic transnasal /transseptal approach for pituitary surgery Differential diagnosis in craniopharyngiomas The impact of endoscopic skull base surgery on olfaction Nasal corridors in extended skull base surgery Spontaneous CSF leak: beyond the surgery Nuances in skull base reconstruction	Panel – Facial Plastic 3 Interrelation between ENT and Plastic Surgeon Feminization’s facial surgery: the frontal sinus approach How to harmonize the ethnic nose Improving the results of rhinoplasty with facial interior procedures Rational graft application in rhinoplasty	Instructional Course 4 3-D Anatomy of the: cavern-ous sinus, craniocervical junction and paramedian structures The medial wall of cavernous sinus The pterigopalatine and infratemporal fossae The clival region and craniocervical junction Posterior fossa: boundaries and contents Questions & Discus-sion
05:30 06:30 pm	Sunset debate-Rhinology 2 Challenging cases in frontal sinus surgery: pearls and pitfalls	Sunset Debate- 2 Skull Base Controversial management in sinonasal and skull base malignancies	Sunset Debate Facial Plastic Surgery Avoiding complications in rhinoplasty	Sunset debate- Rhinology 3 Controversies in the diagnosis and treatment of sleep apnea

April 23rd 2022 – Saturday

	Room 1	Room 2	Room 3	Room 4
08:30 am	Keynote Lecture - Rhinology 2 Chronic rhinosinusitis – Who, When, Why and How much surgery is really needed?	Keynote Lecture – Skull Base 2 Endoscopic techniques applied to neurovascular pathology	Keynote Lecture - Facial Plastic Surgery 2 Structural preservation rhinoplasty: a hybrid approach	Keynote Lecture - Rhinology 3 The role of drug-induced sleep endo-copy on pharyngoplasties

09:00 am	<p>Mini course 2 Rhinology</p> <p>Surgery of the lacrimal pathways: an update</p> <p>Clinical and radiological evaluation of lacrimal disorders</p> <p>External DCR</p> <p>The role of agger nasi in the en-doscopic endonasal DCR</p>	<p>Mini courses (en español)</p> <p>How to manage CSF leak</p> <p>Utility of nasoseptal and lateral nasal wall flaps to repair CSF leaks</p> <p>Reconstruction of cranial base defects</p> <p>Nasal flaps for palatal and orbital reconstruction</p>	<p>Morning –Lectures Facial Plastic Surgery</p> <p>The nasal dorsum: the final touch of excellence in rhinoplasty</p> <p>Fishbone technique: a new dorsum treatment</p> <p>Structured rhinoplasty: what I have learned in 17years preserving</p>	<p>Panel – Rhinology 09</p> <p>Sponsored by the Brazilian Academy of Rhinology</p> <p>Tips and pearls from the experts in endoscopic rhinology surgeries</p> <p>Choanal atresia: how we treat it?</p> <p>Turbinates surgery</p> <p>Ethmoidectomy: maxima- zing results</p>
10:00 am	Break			
10:30 am	<p>Panel – Rhinology 10</p> <p>The surgical spectrum in chronic rhino sinusitis: from minimum to the maximum</p> <p>Surgical ladder in chronic rhino sinusitis</p> <p>Terminology of sinus procedures: without terminology we can not answer how much surgery is really need.</p> <p>Frontal sinus surgery: lessons learned</p>	<p>Panel – Skull Base 6</p> <p>Advanced technologies and surgical techniques in endoscopic skull base surgery</p> <p>Realistic simulators: a new way for endoscopic training</p> <p>Emerging technologies in rhinology and skull base surgery</p> <p>Transnasal endoscopic surgery for paraclinoid aneurysms: future perspectives</p> <p>Transnasal endoscopic surgery for brainstem cavernoma</p> <p>Surgical anatomy and technical nuances of endoscopic approaches to the petrous bone</p>	<p>Panel – Facial Plastic Surgery 4</p> <p>Sponsored by the Brazilian Academy of Facial Plastic Surgery</p> <p>Radix: problem in preservation rhinoplasty</p> <p>Surgery of the nasal base in Caucasians</p> <p>Rhinoplasty: where to start</p> <p>Caudal septal and rhinoplasty: what does it change?</p> <p>Osteoplasty and osteotomy with diamond burr</p>	<p>Instructional Course 5</p> <p>Structural grafting in rhinoplasty: maximizing aesthetic and functional outcomes</p>
12:00 pm	Break			

02:00 pm	<p>Panel Rhinology 11</p> <p>Sleep disorders: treatment tips</p> <p>Pharyngeal surgery: what's new</p> <p>Expanded pharyngoplasty: surgical details</p> <p>Barbed reposition pharyngoplasty</p> <p>Postoperative management of OSA surgery</p> <p>What's new in the treatment of OSA with oral appliances?</p>	<p>Panel – Skull Base 7</p> <p>Infratemporal, pterigo – palatine fossae and nasopharynx</p> <p>Anatomical basis for endoscopic approaches to the infratemporal fossa and Meckel's Cave</p> <p>Imaging of the infratemporal fossa</p> <p>Endoscopic endonasal transpterygoid / transmaxillary approach to the infratemporal and upper parapharyngeal tumors</p> <p>Endoscopic nasopharyngectomy</p> <p>Endoscopic approach to the pterigopalatine fossa</p>	<p>Panel – Facial Plastics 5 Advanced topics in Rhinoplasty</p> <p>The role of an Endoscope in rhinoplasty</p> <p>Padronized grafts for tip reconstruction</p> <p>The secrets for maximum consistency and predictability in the tip shape and position</p> <p>PRP:use in rhinoplasty</p> <p>Nasal reconstruction with local grafts after oncologic surgery</p>	<p>Panel – Rhinology 12</p> <p>Sponsored by the Brazilian Academy of Rhinology</p> <p>Journal Club- update in rhinology</p>
03:30 pm	Break			
04:00 pm	<p>Panel – Rhinology 13</p> <p>Complications in Sinus</p> <p>Management of difficult bleeding situations during FESS</p> <p>How to manage iatrogenic CSF leak during ESS</p> <p>Orbital complications during ESS</p>	<p>Panel – Skull Base 8</p> <p>The spectrum of complications in Transnasal Endoscopic Skull Base Surgery</p> <p>How to avoid nasal complications in endoscopic skull base surgery</p> <p>CSF Leak repair: from simple to complex</p> <p>Small arteries and perforators in endoscopic skull base surgery</p> <p>Carotid artery injury in endonasal surgery: incidence and Management</p> <p>Endocrine complications in skull base surgery</p>	<p>Panel – Facial Plastics 6</p> <p>Complications in Facial Plastic Surgery</p> <p>My life experience avoiding problems in rhinoplasty</p> <p>Surgical management of rhinoplasty infection</p> <p>How to prevent and treat infection in rhinoplasty</p>	<p>Panel – Rhinology 14</p> <p>Sponsored by Sleep Medicine department of ABORL</p> <p>Up to date in OSA: form the diagnosis to treatment</p> <p>Types of sleep monitoring</p> <p>Diagnosis of sleep disorders in the future: Apps and an-other devices</p> <p>Pharyngeal surgeries in OSA</p> <p>Why preserve soft tissue in pharyngeal surgery: could it be important in future ?</p> <p>Pap therapy in OSA:Up to date</p>
05:30 06:00 pm	Closing Ceremony (Room 1)			