



AZIENDA OSPEDALIERA UNIVERSITARIA INTEGRATA

VERONA



Con il patrocinio di **proESOF**



La città di Trieste è stata scelta per l'organizzazione di ESOE 2020 (Euroscience Open Forum), la più importante manifestazione europea focalizzata sul dibattito tra scienza, tecnologia, società e politica, dedicata alla ricerca e all'innovazione.

ProESOF 2018-2020 (<http://www.proesof2020.eu/>) è un programma di attività che anticipano e accompagnano ESOE 2020: include una serie di eventi regionali e internazionali che saranno organizzati principalmente nel Nord-Est d'Italia e nei Paesi dell'Europa Centro-Orientale.

L'Azienda Ospedaliera Universitaria Integrata di Verona è in continuo aggiornamento sotto il profilo tecnologico, con l'obiettivo di migliorare gli standard di cura. Negli anni la strumentazione tecnologica e le apparecchiature informatiche sono state costantemente aggiornate rispetto ai migliori standard, grazie alla presenza di personale medico e infermieristico altamente qualificato, alla volontà di promuovere attività di ricerca biomedica (supportata dalla collaborazione coi dipartimenti della Scuola di Medicina dell'Università degli Studi di Verona) ed al supporto della Direzione Generale, Sanitaria e Amministrativa.

La proposta ProESOF dell'Azienda Ospedaliera Universitaria Integrata è dedicata a gruppi selezionati di professionisti sanitari dell'Italia di Nord-Est e dell'Europa Centro-Orientale, interessati alla tecnologia: essi avranno la possibilità di partecipare a dimostrazioni e/o simulazioni che metteranno in luce le potenzialità della strumentazione tecnologica e dei simulatori presenti in Azienda. Le sessioni mirano a trasmettere e diffondere le ultime novità tecnologiche in medicina: uno degli obiettivi attesi è quello di standardizzare la formazione in sanità, almeno nei Paesi Europei confinanti, tramite la condivisione delle conoscenze. Queste dimostrazioni sono indirizzate a professionisti strutturati, più o meno esperti, ma anche a specializzandi, tecnici sanitari e infermieri, concentrandosi sulle diverse necessità educative, aggiornandole o rinnovandole. L'approccio innovativo delle dimostrazioni è garantito dalla preparazione e dalla competenza dei membri del team che guideranno le sessioni. Le competenze professionali sono disponibili sui CVs sul sito web dell'Azienda (http://www.aovr.veneto.it/area_scientifica/) e dell'Università di Verona (<http://www.univr.it/>).

Le dimostrazioni saranno gratuite.

Coffee break e pranzo saranno offerti dall'Azienda Ospedaliera Universitaria Integrata.

Le spese di viaggio e alloggio saranno a carico dei partecipanti.

A ogni dimostrazione potranno partecipare massimo 20 persone. Raggiunto tale numero verrà comunicato l'impossibilità per altri di iscriversi.

Come raggiungere la sede di Borgo Trento:

IN AUTO: prendere l'uscita Verona Nord dall'autostrada A22.

IN TRENO: Dalla stazione Porta Nuova di Verona, bus n. 21,22,23,24,41 dalla piattaforma D.

IN AEREO: L'aeroporto Valerio Catullo dista 12km dal centro di Verona. Shuttle ATV dall'aeroporto alla stazione ferroviaria Porta Nuova disponibile ogni 20 min.

TAXI: servizio taxi disponibile 24/7, tel. 045 532666.



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In 2020, Trieste will host the Euroscience Open Forum (ESOF), a biennial pan-European event created by the EuroScience association and dedicated to scientific research and innovation; proESOF (<http://www.proesof2020.eu/>) is a series of regional and international events that will be organized principally in the North East of Italy, and the Central and Eastern European countries.

With a special regard to the needs of the citizenship, the Azienda Ospedaliera Universitaria Integrata is continuously adjusting its technological profile at the highest standards, in order to provide a significant improvement compared to the present level of healthcare. The presence of highly qualified medical and nursing staff teams, the willingness to develop biomedical research activities (supported by collaboration with the departments of the Medical School of the University of Verona) and the support of General and Health management and Administration offices allow to keep the instrumental and IT equipment updated at the highest levels.

The proposal of the Azienda Ospedaliera Universitaria Integrata concerns the possibility for selected groups of healthcare professionals from Central and Eastern Europe (Veneto, FVG, TAA, Slovenia, Croazia etc.) interested in technologies, to attend demonstration sessions in order to learn about the potentials of the technological instruments. The demonstrations aim to convey and spread the upcoming news on the latest technologies: one of the expected goals of this proposal is therefore to try standardising healthcare education at least in the neighbouring European countries by means of sharing knowledge. These demonstrations will target both experienced professionals and younger consultants as well as residents, thus providing insight into the different educational needs by updating or renewing them.

The innovative approach of the demonstrations goes along with the preparation and competence of the team members that will practice the interventions. The professional skills are documented by the CVs, available on the Hospital website ([http://www.aovr.veneto.it/area - scientifica/](http://www.aovr.veneto.it/area-scientifica/)) and/or on the University of Verona website (<http://www.univr.it/>).

The demonstrations will be held for free.

Coffee break and lunch will be offered by the Azienda Ospedaliera Universitaria.

Travel and accommodation are at guests' charge.

Course participants for each demonstration will be limited to a number of 20. Beyond this number you will be informed of no further subscriptions.

How to reach Borgo Trento Hospital:

BY CAR: take the Verona Nord exit from the A22 autostrada (motorway).

BY TRAIN: From the area in front of Verona Porta Nuova station, the number 21,22, 23, 24, 41 buses leave from platform D.

BY PLANE: The Valerio Catullo Airport is about 12km from the centre of Verona. An ATV shuttle bus leaves the airport for Verona Porta Nuova railway station every 20 minutes.

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SCHEDULE

10th-11th-12th September 2019

10th September 2019	<i>am</i> - MRgFUS Neurology <i>pm</i> - MRgFUS Body <i>pm</i> - Extracorporeal Circulation
11th September 2019	<i>am</i> - Interventional Radiology and Endovascular Surgery <i>am</i> - Gamma knife <i>am</i> - Last generation linear accelerators
12th September 2019	<i>am</i> – Neuroradiology <i>pm</i> – Obstetrics



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Tuesday, 10th September 2019

MRGFUS

(Magnetic Resonance guided Focused Ultrasound Surgery)

TECHINICAL AND CLINICAL COURSE WITH LIVE CASES

10th September 2019 - MORNING SESSION NEURO		
8.30	WELCOME AND REGISTRATION	
9:00	THEORY MRgFUS Neuro systems Technical considerations MRgFUS Physical aspects Clinical applications and patients selection in Neuro Procedures Planning and Performing Neuro Procedures	Frazzetta G. Insightech Froni R., Zivelonghi E. Physicists Bovi T.-Tamburin S. Neurologists Ciceri E. – Ricciardi G. Neuroradiologists, Longhi M. Neurosurgeon
10:00	LIVE CASE ESSENTIAL TREMOR	
10th September 2019 - AFTERNOON SESSION BODY		
14:30	WELCOME AND REGISTRATION	
15:00	THEORY MRgFUS Body systems Technical considerations MRgFUS Physical aspects Clinical applications and patients selection in Body Procedures Planning and Performing Body Procedures	Frazzetta G. Insightech Polloniato P. Physicist Bergamini V. Gynecologist Strazmiri E. Radiologist
16:00	LIVE CASE UTERINE FIBROID	

Scientific Director: S. Montemezzi MD, E. Ciceri MD

Team: T. Bovi MD, S. Tamburin MD, E. Ciceri MD, G. Ricciardi MD, M. Longhi MD, V. Bergamini MD, E. Strazmiri MD, P. Polloniato-Physicist, G.Frazzetta - Physicist, R. Froni - Physicist, E.Zivelonghi- Physicist.

IF INTERESTED PLEASE CONTACT

proESOF.2020@aovr.veneto.it

MAX 20 PARTICIPANTS



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Tuesday, 10th September 2019

Extracorporeal Circulation

10th September 2019		
14.00-15.00	Introduction Brief presentation of simulation- based training	
15.00-16.00	Incidents in cardiac surgery Most frequent perfusion incidents and safety principles in Extracorporeal circulation: literature review	G. Faggian, Prof. MD
16.00-17.00	Continuous education - an absolute necessity Why, where and with whom it's important to simulate	L. Barozzi, MD
17.00-18.00	Live cases from the operating-room Practical training with Orpheus Perfusion Simulator	L. San Biagio MD, T. Menon

Scientific Director: S. Monaco Prof. MD, T.Menon Perfusionist.

Team: L. Barozzi MD, L. San Biagio MD, G. Faggian, Prof. MD

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Wednesday, 11th September 2019

Interventional Radiology and Endovascular Surgery

11th September 2019		
8.15-8.20	Introduction: Atherosclerosis of the lower limbs	S. Montemezzi, MD
8.20-9.00	Clinical-pathological work-up	G.F.Veraldi, MD, L.Mezzetto, MD
9.00-9.30	Pre and post-procedure diagnostic imaging Common equipment	G. Puntel, MD, R. De Robertis, MD
9.30-10.00	Revascularization procedures PTA	G. Puppini, MD, G. Puntel, MD
10.00-10.15	How simulators work	A. Agostinelli, TSRM M. Mantovani, TSRM
Coffee Break		
10.30-13.00	Live Cases: angiography rooms and simulators	G.F. Veraldi, MD, L. Mezzetto, MD, G. Puntel, MD, R. De Robertis, MD, G. Puppini, MD

Scientific Director: S. Montemezzi, MD.

Team: G.F. Veraldi MD, L. Mezzetto MD, G. Puntel MD, R. De Robertis MD, G. Puppini MD.

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Wednesday, 11th September 2019

HIGH TECHNOLOGY HOSPITAL: GAMMA KNIFE RADIOSURGERY PROGRAM

11th September 2019		
8:00	Introduction (Neurosurgical Unit Library: Padiglione 40) <ul style="list-style-type: none">• team introduction• what is stereotactic radiosurgery?• presentation and discussion of 2/3 clinical cases	A. Nicolato MD R. Foroni MD, E. Zivelonghi MD, P.M. Polloniato MD M. Longhi MD, G. Bulgarelli MD
9:00	Stereotactic Frame Application (Gamma Unit: Padiglione 40)	A. Nicolato MD, M. Longhi MD, G. Bulgarelli MD
10:00	Stereotactic Neuroradiological Localization (Neuroradiology Unit: Padiglione 15)	G.K. Ricciardi MD
11:00	Multidisciplinary treatment planning with discussion of the applied methods (Gamma Unit: Padiglione 40) <ul style="list-style-type: none">• Hands-on on 3 different work-stations (Gamma Unit: Padiglione 40)	M. Longhi MD, G. Bulgarelli MD, S. Dall'Oglio MD, R. Foroni MD, E. Zivelonghi MD, P.M. Polloniato MD
12:00	Gamma Unit hall visiting and vision of ongoing treatments (Gamma Unit: Padiglione 40)	R. Foroni MD, E. Zivelonghi MD, P.M. Polloniato MD
13:00	Revision and discussion of the workshop with all the participants (Neurosurgical Unit Library: Padiglione 40)	A. Nicolato MD M. Longhi MD, G. Bulgarelli MD, S. Dall'Oglio MD, G. Ricciardi MD, R. Foroni MD, E. Zivelonghi MD, P.M. Polloniato MD

Scientific Director: A. Nicolato MD,

Team: R. Foroni MD, E. Zivelonghi MD; P.M. Polloniato MD, M. Longhi MD, G. Bulgarelli MD.

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Wednesday, 11th September 2019

HIGH TECHNOLOGY HOSPITAL: LAST GENERATION LINEAR ACCELERATORS

11th September 2019		
8:00	Introduction (Radiation Oncology Meeting Room: Padiglione 22) <ul style="list-style-type: none">• Team and technological equipment introduction• Availability of different technological options allow for targeted radiotherapy treatment• Volumetric and stereoscopic IGRT, with implanted fiducial markers, in SBRT of pancreatic cancer• Breath hold radiotherapy techniques for treating left sided breast cancer using surface guided radiation therapy• From HyperArc to TomoTherapy: many technological options for a tailored treatment of brain metastases	R. Mazzarotto MD C. Cavedon MD N. Simoni MD L. Cernusco MD R. Mazzarotto MD
10:00	Multidisciplinary treatment planning with discussion of the treatment choice (LinAc or Tomotherapy) in patients with pancreatic cancer	A. Pierelli MD, N. Simoni MD
10:20	Multidisciplinary treatment planning with discussion of the treatment choice in patients with left sided breast cancer	M.G.Giri MD, L. Cernusco MD
10:40	Multidisciplinary treatment planning with discussion of treatment choice (HyperArc and TomoTherapy) in patients with brain metastases.	A. Pierelli MD, R. Mazzarotto MD
11:00	Visit of Radiotherapy Treatment Section and discussion of ongoing treatments	R. Mazzarotto MD, L. Cernusco MD, N. Simoni MD, A. Pierelli MD, M.G. Giri MD

13:00	Revision and discussion of the workshop with all the participants (Radiation Oncology Meeting Room: Padiglione 22)	R. Mazzarotto MD, C. Cavedon MD, L. Cernusco MD, N. Simoni MD, A. Pierelli MD, M.G. Giri MD
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Scientific Director: R. Mazzarotto MD.

Team: C. Cavedon MD, N. Simoni MD, L. Cernusco MD, A. Pierelli MD, M.G.Giri MD.

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Thursday, 12th September 2019

INTERVENTIONAL NEURORADIOLOGY

12th September 2019		
8-8.15	Introduction Interventional Neuroradiology: What, Why, Where.	Authorities to be defined E. Ciceri, MD
8.15-8.30	Hemorrhagic and Ischemic stroke: Pathophysiology and neurological syndromes.	M.Plebani, MD- Neurologist to be defined
8.30-9.00	Cerebral and spinal stroke Imaging: Tips and tricks.	G.Ricciardi, MD
9-9.30	Interventional Neuroradiology Practical issues: Devices and approaches.	R.Augelli, MD
9.30-10.00	Clinical cases: a multidisciplinary approach.	Round Table. Zampieri P.G MD. and local experts to be defined
10-10.30	Introduction to Angiography simulation. Hands-on session	R.Augelli, MD, A.Grazioli, MD, M.Plebani, MD, G.Ricciardi, MD, P.G.Zampieri MD, E.Ciceri, MD
10.30-12.30	Live cases. From the angio suite to the NeuroIntensive Unit or the Stroke Unit. Following the Patients	R.Augelli, MD, A.Grazioli, MD, M.Plebani, MD, G.Ricciardi, MD, P.G.Zampieri, MD, E.Ciceri, MD

Scientific Director: E. Ciceri, MD.

Team: M. Plebani, MD, G. Ricciardi, MD, R. Augelli, MD, P.G Zampieri MD, A. Grazioli, MD.

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Thursday, 12th September 2019

OBSTETRICS

12th September 2019		
14.00	Introduction to training in obstetrics	Experts to be defined
	Training: shoulder dystocia	M. Franchi MD, A. Adami MD, C. Tosadori MD, F. Lazzari MD, I. Alberi MD, E. Frigo MD, S. Valletta
	Training: instrumental delivery (vacuum)	M. Franchi MD, A. Adami MD, C. Tosadori MD, F. Lazzari MD, I. Alberi MD, E. Frigo MD, S. Valletta obstetrician
	Simulation: breech delivery	M. Franchi MD, A. Adami MD, C. Tosadori MD, F. Lazzari MD, I. Alberi MD, E. Frigo MD, S. Valletta obstetrician
	Simulation: caesarean section	M. Franchi MD, A. Adami MD, C. Tosadori MD, F. Lazzari MD, I. Alberi MD, E. Frigo MD, S. Valletta obstetrician, C.C. Marsotto surgical nurse
18.00	Multidisciplinary approach to obstetric emergencies	Experts to be defined

Scientific Director: M. Franchi MD.

Team: A. Adami MD, C. Tosadori MD, F. Lazzari MD, I. Alberi MD resident, E. Frigo MD resident, S. Valletta obstetrician, C.C. Marsotto surgical nurse.

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DOVE SIAMO

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