



Iran National Ion Therapy Center & MedAustron in  
collaboration with Iran University of Medical Sciences present:

1<sup>st</sup> SEMINAR ON

**STATUS & EMERGING ROLE OF**

**PARTICLE THERAPY IN ONCOLOGY**

November 27th to 29th, 2018

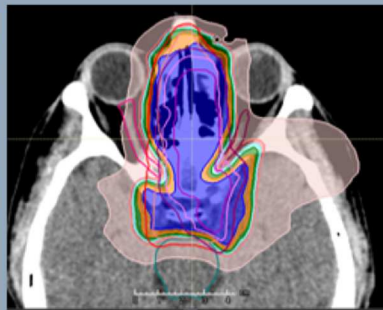
مرکز ملی یون درمانی ایران با همکاری مِداسترون اتریش و دانشگاه علوم پزشکی

ایران برگزار می کند:

نخستین سمینار آموزشی

**نقش یون درمانی در آنکولوژی**

۸-۶ آذرماه ۱۳۹۷





**1<sup>st</sup> SEMINAR ON  
STARUS & EMERGING ROLE OF PARTICLE THERAPY IN ONCOLOGY**

**Day 1: 27<sup>th</sup> November 2018**

8:30 - 8:45	Opening & Welcome	Prof. Naseripoor
8:45 - 9:00	Opening & Welcome	Prof. Salehi
9:00 - 9:15	MedAustron-Iran Project Overview	Prof. Zens
9:15 - 9:30	Cancer Profile: Incidence, Prevalence, Morbidity	Prof. Akbari
9:30 - 10:00	Introduction to Ion Therapy: History, Current Status, Worldwide Activities	Prof. Hug
<b>10:00-10:15</b>	<b>Coffee Break</b>	
<b>Chair: Prof. Fadavi, Prof. Bakhshandeh</b>		
10:15-10:30	Radiotherapy Role in the Management of Cancer	Prof. Ghavannasiri
10:30 - 10:45	Feasibility of Ion Therapy in Iran	Prof. Mosleh Shirazi
10:45 - 11:00	Cancer Prevention in Iran	Prof. Motlagh
11:00 - 11:30	Medical Physics of Ion Therapy	Prof. Stock
11:30 - 12:00	Discussions	

**12:00-13:15 Lunch Break**

**Chair: Prof. Mahdavi, Prof. Khoei**

13:15 - 13:45	Radiobiology of Ion Therapy	Prof. Fossati
13:45 – 14:45	Specifics of Ion Beam Planning and Delivery Compared to State of the Art Photon Therapy	Prof. Stock
14:45 - 15:15	Discussions	
<b>15:15-15:30</b>	<b>Coffee Break</b>	
<b>Chair: Prof. Nafissi, Prof. Aghili</b>		
15:30-16:30	General Overview of Clinical Indications for Proton Therapy	Prof. Lütgendorf - Caucig
16:30-17:15	General Overview of Clinical Indications for Carbon Ion Therapy	Prof. Fossati
17:15-17:45	Discussions	



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**Day 2: 28<sup>th</sup> November 2018**

**Chair: Prof. Nikofar, Prof. Hadad**

8:30-9:15	Pediatric Malignancies	Prof. Lütgendorf - Caucig Prof. Fossati
9:15-10:00	CNS& Skull Base Tumors	Prof. Lütgendorf - Caucig Prof. Fossati
<b>10:00-10:15</b>	<b>Coffee Break</b>	
10:15-11:00	Prostate Cancer & Gynecological Tumors	Prof. Lütgendorf - Caucig Prof. Fossati
11:00-11:45	Re-Irradiation + Discussion	Prof. Lütgendorf - Caucig Prof. Fossati

**11:45-13:00 Lunch Break**

**Chair: Prof. Rajabi & Presenters of the Related Case Presentations**

	<b>Case Presentations</b>	
13:00-14:30	Pediatric Malignancies (30 mins)	Dr. Moeini
	Skull Base Tumors (30 mins)	Dr. Arbabi
	Why Particles, Why Not? + Discussion (30 mins)	Prof. Lütgendorf - Caucig Prof. Fossati
	<b>Case Presentations</b>	
14:30-16:00	Prostate Cancer & Gynecological Tumors (30 mins)	Prof. Mofid
	Breast Radiotherapy (30 mins)	Dr. Karbasi
	Why Particles, Why Not? + Discussion (30 mins)	Prof. Lütgendorf - Caucig Prof. Fossati
<b>16:00-16:15</b>	<b>Coffee Break</b>	
16:15-17:00	Road map to the first Patient: Training of Personnel and Referring Abroad During the Project Phase and Practical Considerations of Ramp-up Phase and Number of Patients under Treatment	Prof. Stock Prof. Lütgendorf - Caucig Prof. Fossati



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**Day 3: 29<sup>th</sup> November 2018**

**Chair: Prof. Salmanian, Prof. Arefpoor, Prof. Sanei**

8:30-10:30	<p><b>Group Discussions</b> <b>The next 3 years:</b></p> <ul style="list-style-type: none"><li>• Specifics of educational concept for various professional groups</li><li>• Building an interdisciplinary team, collaboration with allied disciplines</li><li>• Radiation oncology center staffing and model of collaboration with external radiation oncology centers</li><li>• Where can we be of assistance Logistics/Medical Physics/Training</li></ul>	Prof. Stock Prof. Lütgendorf -Caucig Prof. Fossati Prof. Khalafi
<b>10:30-10:45</b>	<b>Coffee Break</b>	
<b>10:45-12:00</b>	<b>Open Question &amp; Wrap-up</b>	