

## Image-guided adaptive brachytherapy for cervical cancer

•       Participants present their program/experience with brachytherapy/equipment (previous questionnaire discussion)       International State Stat	WEDNESDAY AP	RIL 23			
08:00 - 09:00       • Overview and Objectives • UTSW Brachytherapy Program • Participants present their program/experience with brachytherapy/equipment (previous questionnaire discussion)       All       Room TBA         09:00 - 09:15       Refreshments / Restroom break       -         DEPARTMENT TOUR         09:15 - 09:45       AROC and EROC (split into two groups)       TBA         09:45 - 10:00       Refreshments / Restroom break       -         STARTING A CERVICAL CANCER BRACHYTHERAPY PROGRAM - LECTURES         10:00 - 11:45       • Vault Design (15 Min) • Anesthesia and Conscious Sedation, Recover (15 Min) • Nursing (15 Min) • Nursing (15 Min) • After loader/Applicators (15 Min) • After loader/Applicators (15 Min) • Billing/Reimbursement (15 Min) • Cleaning/Sterilization (15 Min) • Cleaning/Sterilization (15 Min) • Billing/Reimbursement (15 Min) • Commissioning / Acceptance Afterloader / Applicators / Planning System / Imaging (20 Min)       Bryan Hrycushko	BREAKFAST MEET	ING			
DEPARTMENT TOUR         09:15 - 09:45       AROC and EROC (split into two groups)       TBA         09:45 - 10:00       Refreshments / Restroom break         STARTING A CERVICAL CANCER BRACHYTHERAPY PROGRAM - LECTURES         0:00 - 11:45       • Vault Design (15 Min) • Anesthesia and Conscious Sedation, Recover (15 Min) • Nursing (15 Min) • Nursing (15 Min) • Imaging (15 Min) • After loader/Applicators (15 Min) • Cleaning/Sterilization (15 Min) • Cleaning/Sterilization (15 Min) • Billing/Reimbursement (15 Min) • Billing/Reimbursement (15 Min)       Bryan Hrycushko Shameca TBA         11:45 - 12:00         CLINICAL WORKFLOW - LECTURES (PART 1)         • Commissioning / Acceptance Afterloader / Applicators / Planning System / Imaging (20 Min)	08:00 – 09:00	<ul> <li>Overview and Objectives</li> <li>UTSW Brachytherapy Program</li> <li>Participants present their program/experience with brachytherapy/equipment (previous questionnaire</li> </ul>	All	Room TBA	
09:15 - 09:45       AROC and EROC (split into two groups)       TBA         09:45 - 10:00       Refreshments / Restroom break         STARTING A CERVICAL CANCER BRACHYTHERAPY PROGRAM - LECTURES         10:00 - 11:45       • Vault Design (15 Min) • Anesthesia and Conscious Sedation, Recover (15 Min) • Nursing (15 Min) • Nursing (15 Min) • Imaging (15 Min) • After loader/Applicators (15 Min) • After loader/Applicators (15 Min) • Cleaning/Sterilization (15 Min) • Billing/Reimbursement (15 Min) • Billing/Reimbursement (15 Min) • Billing/Reimbursement (15 Min)       Bryan Hrycushko Shameca TBA         11:45 - 12:00         Refreshments / Restroom break         12:00 - 1:00 pm         Lunch         CLINICAL WORKFLOW - LECTURES (PART 1)         • Commissioning / Acceptance Afterloader / Applicators / Planning System / Imaging (20 Min)       Bryan Hrycushko	09:00 – 09:15	Refreshments / Restroom break			
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09:45 - 10:00       Refreshments / Restroom break         STARTING A CERVICAL CANCER BRACHYTHERAPY PROGRAM - LECTURES            10:00 - 11:45           • Vault Design (15 Min)         • Anesthesia and Conscious Sedation, Recover (15 Min)         • Nursing (15 Min)         • Imaging (15 Min)         • After loader/Applicators (15 Min)         • After loader/Applicators (15 Min)         • Cleaning/Sterilization (15 Min)         • Cleaning/Sterilization (15 Min)         • Billing/Reimbursement (15 Min)         • Billing/Reimbursement (15 Min)         • Billing/Reimbursement (15 Min)         • Cleaning / Refreshments / Restroom break         12:00 - 1:00 pm         Lunch           Fran Hrycushko         Shameca         TBA          CLINICAL WORKFLOW - LECTURES (PART 1)           • Commissioning / Acceptance Afterloader / Applicators /         Planning System / Imaging (20 Min)           Bryan Hrycushko	DEPARTMENT TOU				
STARTING A CERVICAL CANCER BRACHYTHERAPY PROGRAM – LECTURES            10:00 – 11:45           • Vault Design (15 Min)         • Anesthesia and Conscious Sedation, Recover (15 Min)         • Nursing (15 Min)         • Imaging (15 Min)         • Imaging (15 Min)         • Imaging (15 Min)         • After loader/Applicators (15 Min)         • Cleaning/Sterilization (15 Min)         • Cleaning/Sterilization (15 Min)         • Billing/Reimbursement (15 Min)         • Billing/Reimbursement (15 Min)         • Billing/Reimbursement (15 Min)         • Billing/Reimbursement (15 Min)         • Cleaning/Sterilization break         12:00 – 1:00 pm         Lunch         CLINICAL WORKFLOW – LECTURES (PART 1)         • Commissioning / Acceptance Afterloader / Applicators / Bryan Hrycushko         Planning System / Imaging (20 Min)	09:15 – 09:45	AROC and EROC (split into two groups) TBA			
•       Vault Design (15 Min)       Bryan Hrycushko Anesthesia team         10:00 – 11:45       •       Nursing (15 Min)       Katheryn Klenda Zohaib lqbal Bryan Hrycushko Shameca TBA         11:45 – 12:00       Refreshments / Restroom break       Bryan Hrycushko Anesthesia team         12:00 – 1:00 pm       Lunch         CLINICAL WORKFLOW – LECTURES (PART 1)       •       Commissioning / Acceptance Afterloader / Applicators / Planning System / Imaging (20 Min)       Bryan Hrycushko	09:45 – 10:00	Refreshments / Restroom break			
10:00 – 11:45       Anesthesia and Conscious Sedation, Recover (15 Min)       Anesthesia team         10:00 – 11:45       Imaging (15 Min)       Katheryn Klenda Zohaib lqbal Bryan Hrycushko         10:00 – 11:45       Imaging (15 Min)       Katheryn Klenda Zohaib lqbal Bryan Hrycushko         11:45 – 12:00       Refreshments / Restroom break       TBA         12:00 – 1:00 pm       Lunch       CLINICAL WORKFLOW – LECTURES (PART 1)         •       Commissioning / Acceptance Afterloader / Applicators / Planning System / Imaging (20 Min)       Bryan Hrycushko	STARTING A CERV		Bryan Hrycushko		
11:45 - 12:00       Refreshments / Restroom break         12:00 - 1:00 pm       Lunch         CLINICAL WORKFLOW - LECTURES (PART 1)         Occumissioning / Acceptance Afterloader / Applicators / Planning System / Imaging (20 Min)	10:00 – 11:45	<ul> <li>Anesthesia and Conscious Sedation, Recover (15 Min)</li> <li>Nursing (15 Min)</li> <li>Imaging (15 Min)</li> <li>After loader/Applicators (15 Min)</li> <li>Cleaning/Sterilization (15 Min)</li> </ul>			
CLINICAL WORKFLOW – LECTURES (PART 1)  Commissioning / Acceptance Afterloader / Applicators / Bryan Hrycushko Planning System / Imaging (20 Min) Bryan Hrycushko	11:45 – 12:00	Refreshments / Restroom break			
Commissioning / Acceptance Afterloader / Applicators / Bryan Hrycushko     Planning System / Imaging (20 Min)	12:00 – 1:00 pm	Lunch			
Commissioning / Acceptance Afterloader / Applicators / Bryan Hrycushko     Planning System / Imaging (20 Min)					
Planning System / Imaging (20 Min)	CLINICAL WORKFL	OW – LECTURES (PART 1)			
Quality Assurance Testing – Morning QA / Source Bryan Hrycushko		Planning System / Imaging (20 Min)	Bryan Hrycushko Bryan Hrycushko		

2:05 – 2:20 pm	Refreshments / Restroom break	
	<ul> <li>✓ Clinical Data</li> <li>✓ EMBRACE and ABS</li> <li>✓ Patient Selection with Type of Implant / Clinical prep for pt</li> </ul>	Kevin Albuquerque / Astrid Medrano
1:00 – 2:05 pm	<ul> <li>Quality Assurance Testing – Morning QA / Source Exchange / Annual QA (15 Min)</li> <li>Cervical Cancer Guidelines and Contouring (30 Min):</li> </ul>	Bryan Hrycushko Kevin Albuquerque

CLINICAL WORKFLOW – LECTURES (PART 2)			
2:20 – 3:20 pm	<ul> <li>Applicator Decision Making / Preplan (15 Min)</li> <li>Imaging – CT/MRI/US/Planar X-Ray with Therapy (15 Min)</li> <li>Implant Procedure with Clinical Case (15 Min)</li> <li>Treatment Planning (15 Min)</li> </ul>	Yesenia Gonzalez Zohaib Iqbal Kevin Albuquerque Yesenia Gonzalez	
3:20 – 3:35 pm	Refreshments / Restroom break		







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CLINICAL WORKFLOW – LECTURES (PART 3)			
3:35 – 4:35 pm	<ul> <li>Pretreatment QA / Forms / RX / WD (15 Min)</li> <li>Removal / Post TX Care (15 Min)</li> <li>Chart Rounds Review (10 Min)</li> <li>Difficult Cases / When Things Go Wrong / What to Avoid (15 Min)</li> </ul>	Yesenia Gonzalez Astrid Medrano Kevin Albuquerque Yesenia Gonzalez	
5:30 – 8:00 pm	Dinner with Participants and Faculty (TBA; Bus from Hotel)		

## **THURSDAY APRIL 24**

07:00 - 08:00

Breakfast

BREAK-OUT SESSION 1				
	GROUP 1		GROUP 2	
08:00 - 08:30	Room preparation	Shameca	TX Planning Observation – 3rd Floor	Bryan Hrycushko / Zohaib lqbal
08:30 - 09:30	Implant Observation or Video	Kevin Albuquerque	Hands-on TX Planning	Bryan Hrycushko / Zohaib lqbal
09:30 - 10:00	Refreshments / Restroom break			
10:00 - 10:30	TX Planning Observation – 3rd Floor	Bryan Hrycushko / Zohaib lqbal	Room preparation	Shameca
10:30 – 11:30	Hands-on TX Planning	Bryan Hrycushko / Zohaib lqbal	Implant Observation or Video	Kevin Albuquerque
11:30 – 12:30	Lunch		•	

BREAK-OUT SESSION 2				
	GROUP 1		GROUP 2	
12:30-1:30 pm	Pre TX QA / TX Delivery / Removal	Yesenia Gonzalez / Resident	Hands-on Implant Simulation	ТВА
1:30 – 2:30 pm	Hands-on Implant Simulation	ТВА	Pre TX QA / TX Delivery / Removal	Yesenia Gonzalez / Resident
2:30-2:45 pm	Refreshments / Restroom brea	ak		•

CONCLUSIONS			
02:45 – 03:30 pm	Course Evaluation / Closing / Additional planning practice?	All	



