

Areas of Weakness Identified through the "Emergent/Critical Care Imaging Simulation"

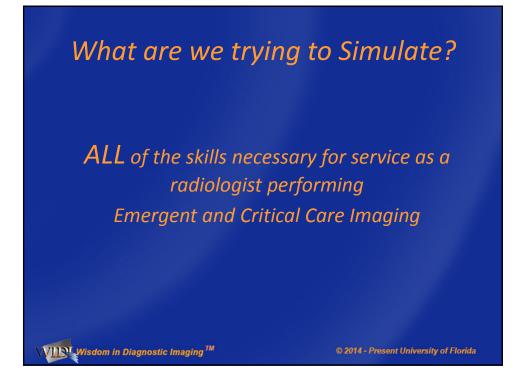
Linda Lanier MD Associate Professor and Associate Chairman, Department of Radiology

\ VIIIS Wisdom in Diagnostic Imaging ™

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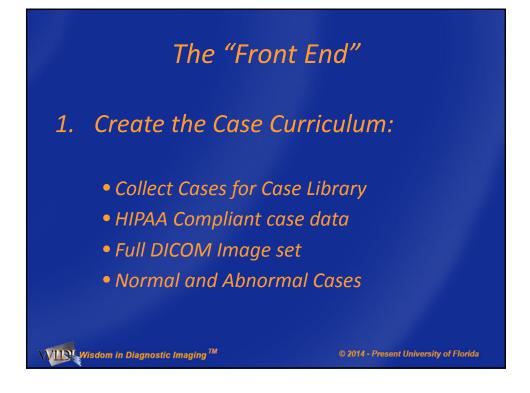
# Emergent/Critical Care Imaging Simulation



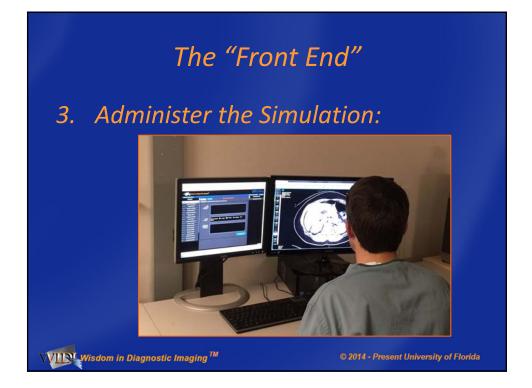


## Skills Needed in Emergent and Critical Care Imaging

- Observational skills
- Confident Determination of Normal
- Identification of Key Findings
- Recognition of Acuity
- Communication of Results
- Initiation of Appropriate Action
- Stamina







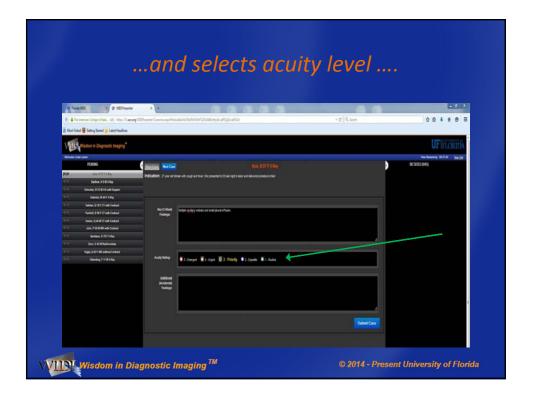
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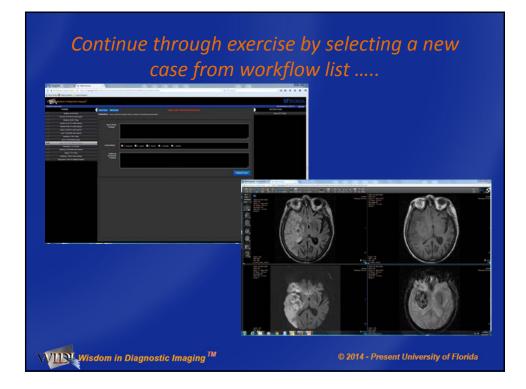
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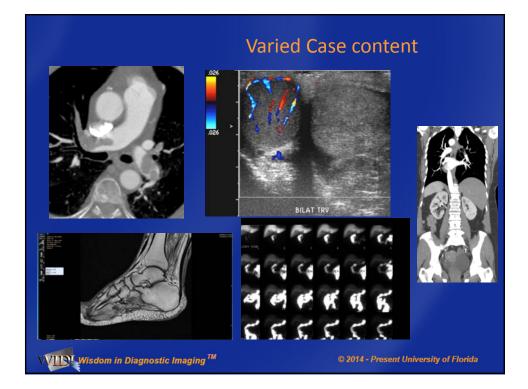


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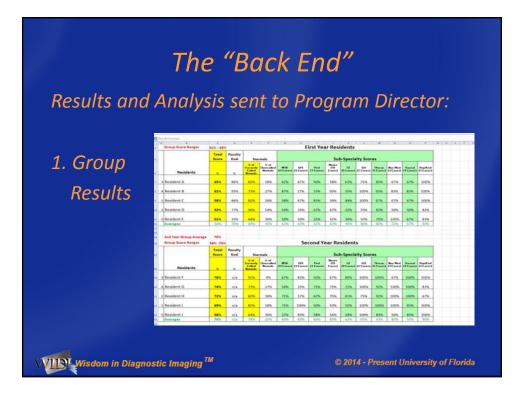
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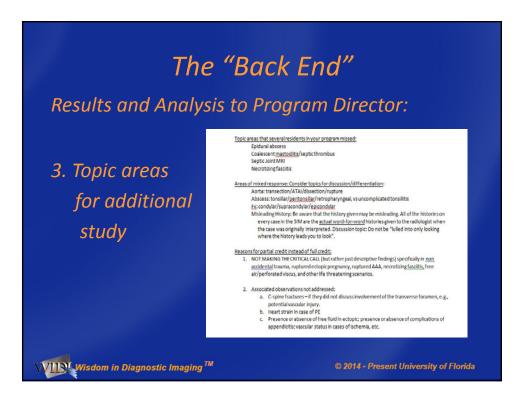


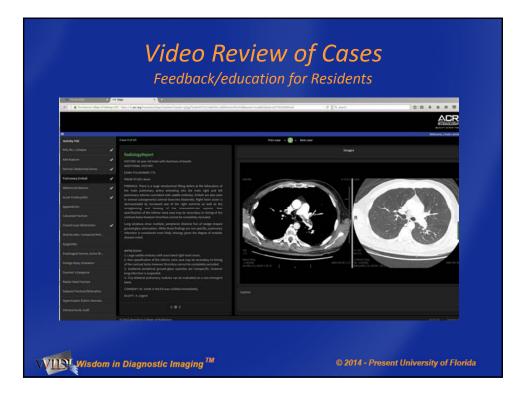












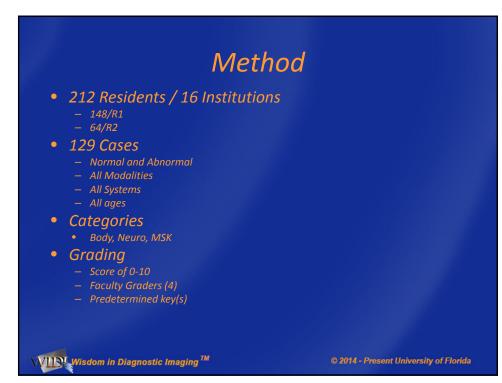
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YEAR	SIMULATION	PARTICIPATING INSTITUTIONS	TOTAL RESIDENTS	R LEVELS	AVERAGE	RANGE	
2011	SIM 1	1	22	R1-12 R2-10	62% 77%	48-72% 72-81%	
2012	SIM 1	3	36	R1-20 R2-16	60% 74%	42-74% 53-82%	
2013	SIM1	4	66	R1-25 R2-24 R3-11 R4 - 6	60% 74% 73% 78%	49-74% 65-85% 60-85% 73-81%	
2014	SIM 2	9	103	R1-63 R2-31 R3 - 6 R4 - 3	59% 70% 66% 68%	39-78% 48-81% 54-72% 59-79%	
2015	SIM 3	17	129	R1-95 R2-34	59% 67%	47-68% 63-74%	
2016	SIM 4	26	201	R1-126 R2 -54 R3 -11 R4 -10	56% 66% 73% 75%	22-86% 47-84% 62-84% 67-83%	



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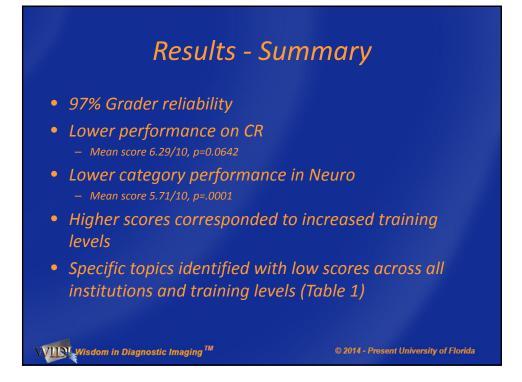


Table 1: Eight "Gaps"								
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		nstitutions and Training Leve						
Category	/ Topic	Modality	% scoring 0 - 3 pts	AVG SCORE	AVG SCORE			
				R1 (n=148)	R2 (n=64)			
Neuro	Suppurative Adenitis	CT w	100%	2	3			
	Hyperdense Basilar Artery	CT w/o	90%	11	6			
	Discitis/Osteomyelitis	CR	90%	3	8			
	Cerebellar Edema	CT w/o	85%	12	18			
	Lemierre's	CT w	71%	17	23			
	Chiari I	CT w/o	71%	21	27			
МЅК	Lytic Lesion-pelvis (Burkitts)	CR	72%	18	40			
Ped.	Non Accidental Trauma	CR	75%	17	25			

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