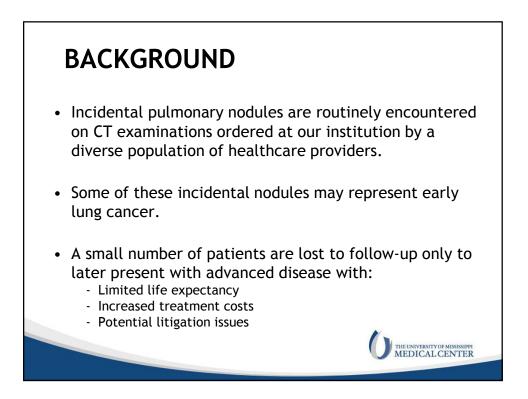
PACS/Dictation-Integrated System for Tracking Incidental Pulmonary Nodules in Order to Improve Follow-up and Early Diagnosis of Lung Cancer

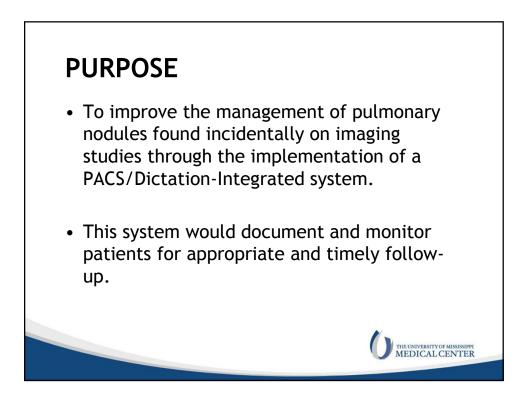
J H Williams, MD, Jackson, MS; L D Halley, MD; D N Kazimirko, MD; C R Araujo, MD; F F Souza, MD; M Stevens (lhalley@umc.edu)

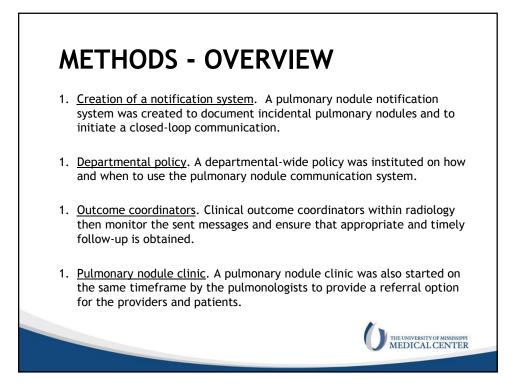
University of Mississippi Medical Center, Jackson MS

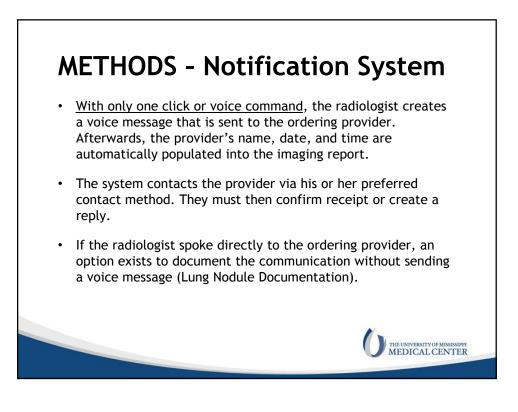


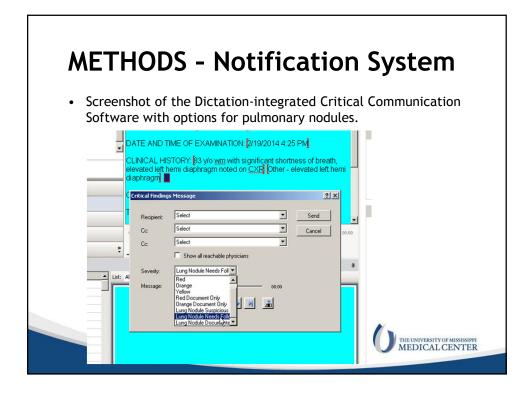




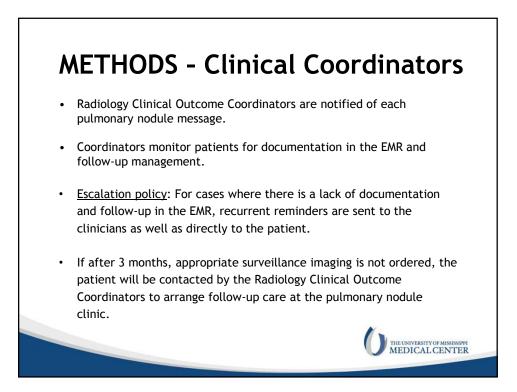


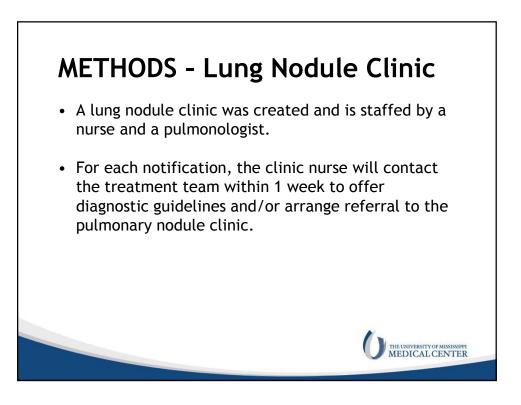






 METHODS - Policy Following the Departmental policy on incidental pulmonary nodules, the radiologists score nodules as either: 	
Lung Nodule, <u>Needs Follow-up</u>	Lung Nodule, <u>Suspicious for neoplasm</u>
Ordering provider, treatment team, and PCP all contacted: - Notified of the finding - <u>Informed if additional imaging needed</u> - Provide appropriate <u>surveillance</u> <u>guidelines</u> (Fleischner criteria or NCCN) - Offered option to refer patient to pulmonary nodule clinic	Ordering provider, treatment team, and PCP all contacted: - Notified of the finding - Offered appropriate <u>management options</u> : - Close imaging follow-up - PET/CT - Biopsy
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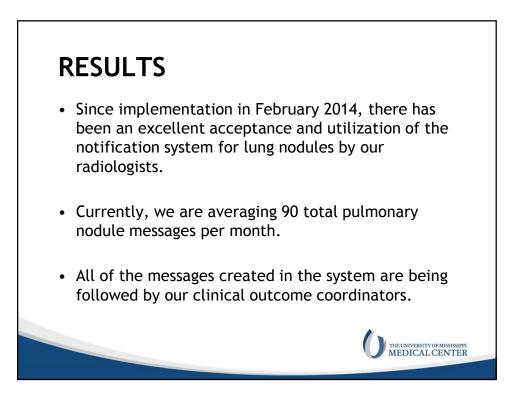


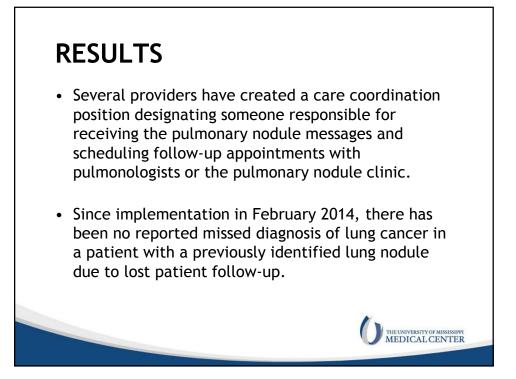


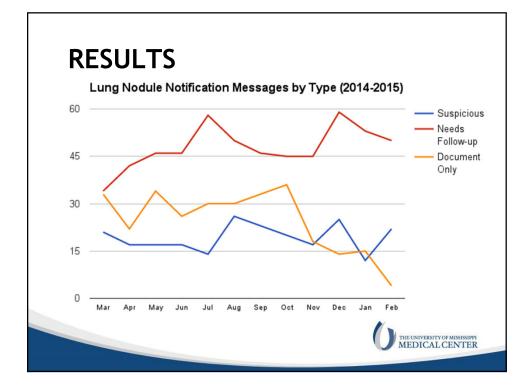
METHODS - Other

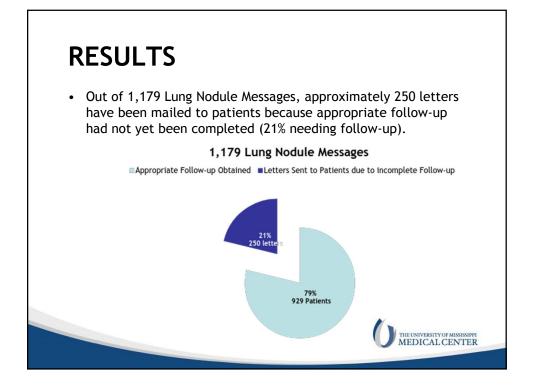
- <u>Missing providers</u>. If a provider is missing from the communication system database, there is an option to send a voice message to the Results Coordinator. The coordinator will then be responsible for relaying the message to the provider and updating the system with the provider's contact information.
- <u>High turnover areas or shift workers</u>. In areas of the hospital with shift workers or high turnover of providers (ED, ICU, etc.), messages are sent to a pre-designated Clinical Outcome Coordinator representing that group of providers. The coordinator is then responsible for relaying the message to the appropriate team and confirming receipt.

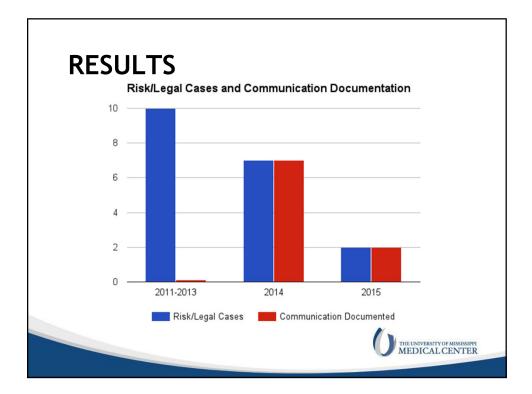
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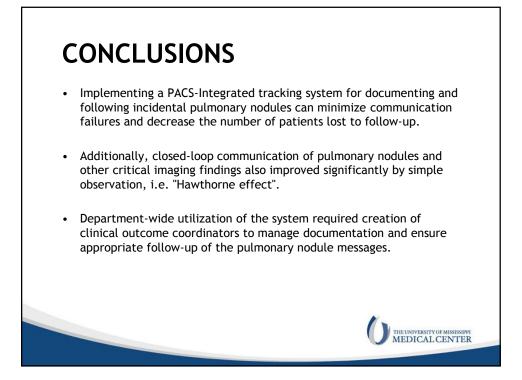


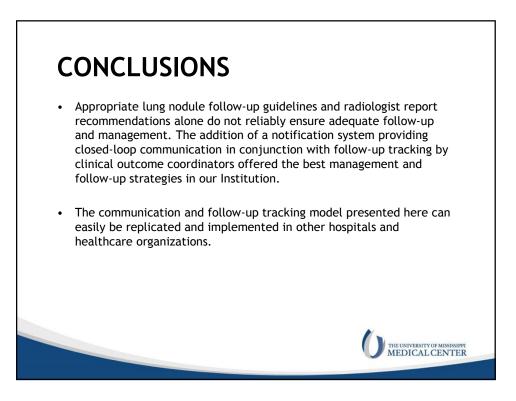












THE FUTURE

• The next phase of our system aims to integrate the communication software directly with our electronic medical record (EMR) in order to automate the process for documentation and follow-up of pulmonary nodules as well as other incidental and critical findings.

