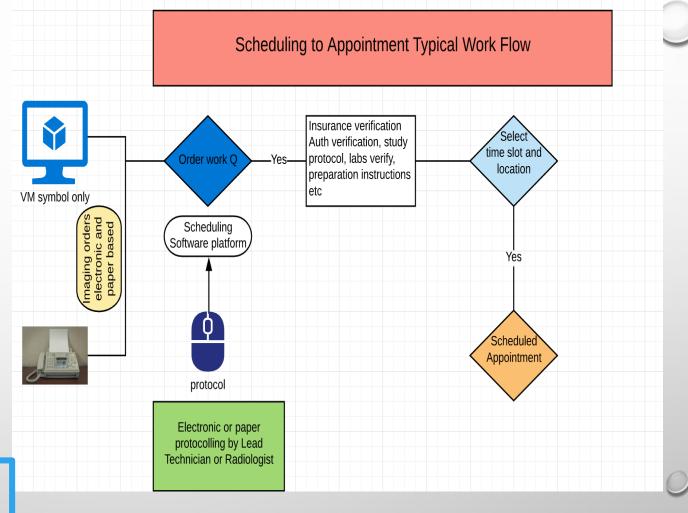


CENTRALIZED RADIOLOGY SCHEDULING: HOW IMPROVING ITS EFFICIENCY CAN IMPROVE PATIENT ACCESS TO IMAGING AND SATISFACTION: A CLOSE EXAMINATION OF KEY PROCESS STEPS AND PROCESS METRICS

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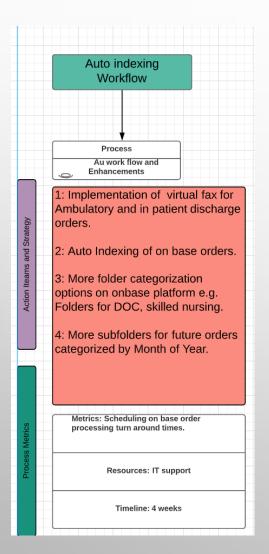
OUTLINE:

- Describe workflows in scheduling departments of high volume Academic Centers.
- Discuss the processes and bottlenecks in such workflows.
- Highlight process metrics to track scheduling department performance.
- Propose new integrated scheduling models using lean methodology to improve Imaging Access.
- Every process step has lot of variability.
- Call centers induce additional process step.
- Order errors or changes add to delays.
- Modality capacity and availability is critical for scheduling room built.



Flow Diagram: order to scheduled appointment

PROCESS IMPROVEMENT FOR NON ELECTRONIC ORDERS



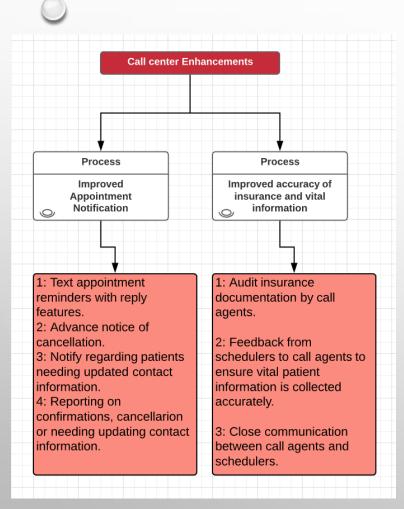
Metrics to measure performance.

Metric	Importance
Indexing Turn around Time	Time taken to index out of network fax based orders.
Manual Indexing error rate	Total number manual indexing errors ex: wrong DOB

Solution Pathways:

• Effort should be made to upgrade to electronic auto indexing/document management pathway, this will not only decrease TAT from order to scheduled appointment but save costs.

PROCESS IMPROVEMENT: CALL CENTER

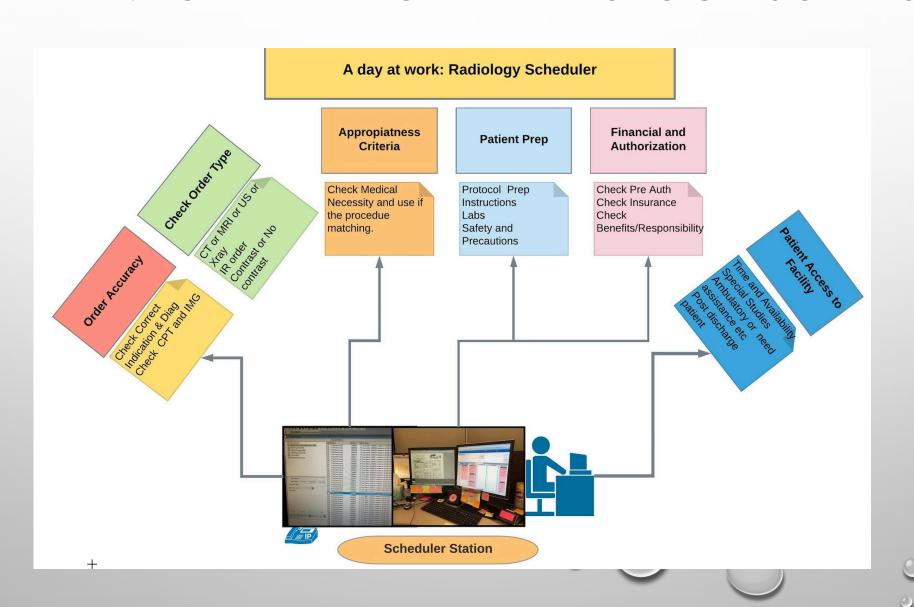


Metric	Importance
% Accepted call volume	High acceptance rate will result in more call capture.
Call wait times	Time to make contact with call agent.
Call processing times	Time to process call aka "talk time".
Abandonment call rate	Number of calls dropped.

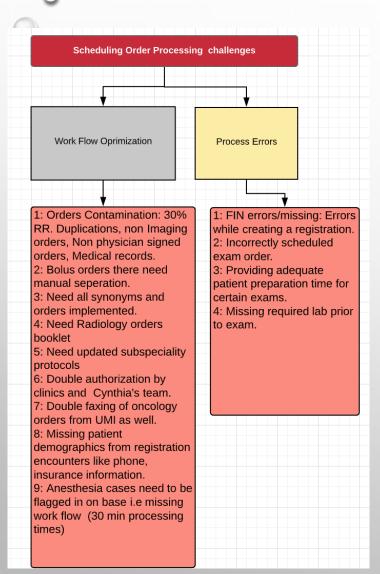
	Total Calls	Total Calls	% of Calls	Total Calls	% of Calls	# Calls Answered	# Calls Answered	% of Calls Answered w/in	% of Calls Answered v
Week of	Accepted	Answered	Answered	Abandoned	Abandoned	w/in 30 Seconds	w/in 60 Seconds	30 Seconds	60 Seconds
October 6, 2019	2,041	2,007	98.33%	34	1.67%	1,701	1,874	84.75%	96.76%

Sample:

A DAY IN TO THE LIFE OF A RADIOLOGY SCHEDULER



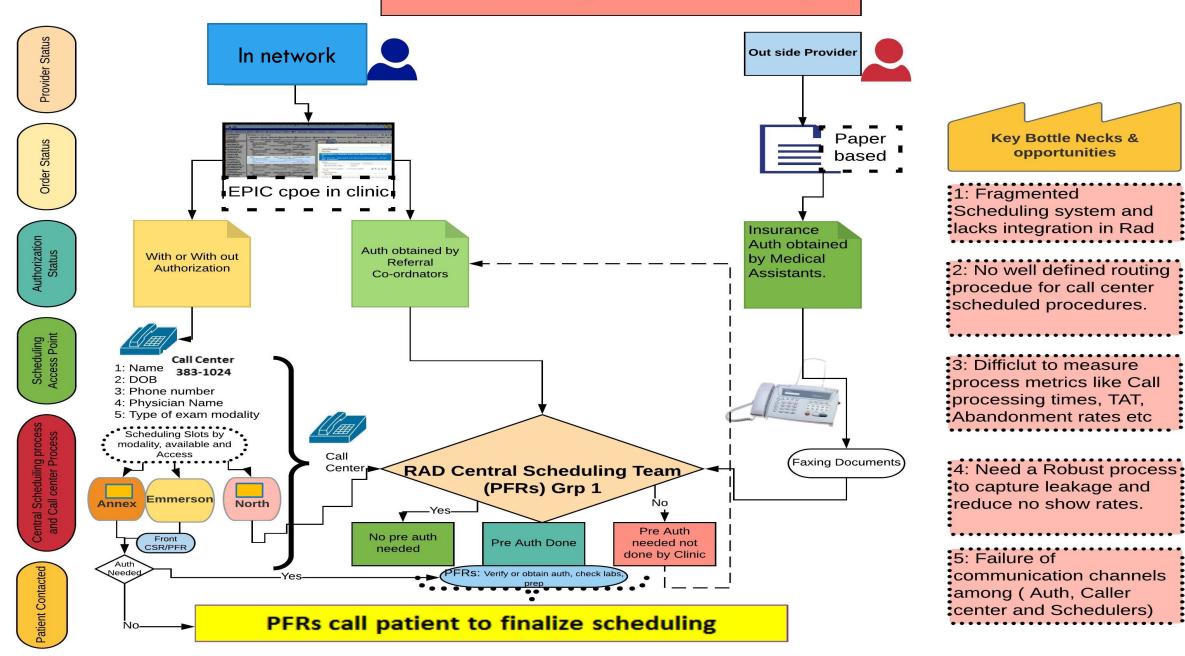
PROCESS IMPROVEMENT: SCHEDULER WORK FLOW

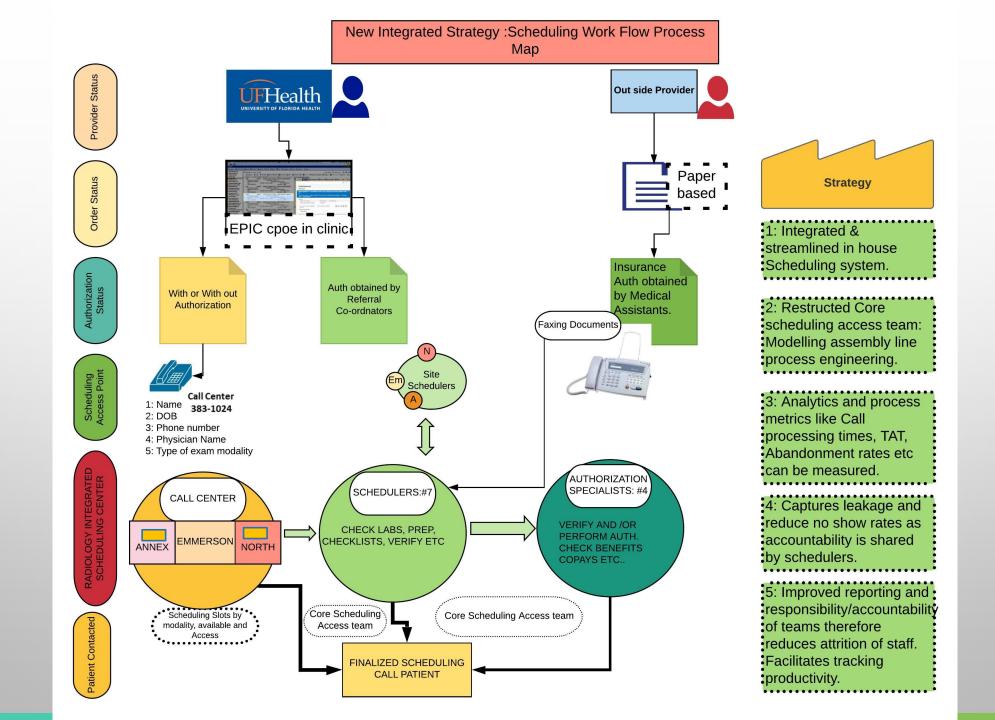


Metric	Importance
Average time to confirm a scheduled appointment (Scheduling TAT).	Time to process an order to confirmation.
Average scheduling errors/month	Errors related wrong location, protocol etc.
Scheduling back log volumes by work Q	Indicator of scheduling efficiency

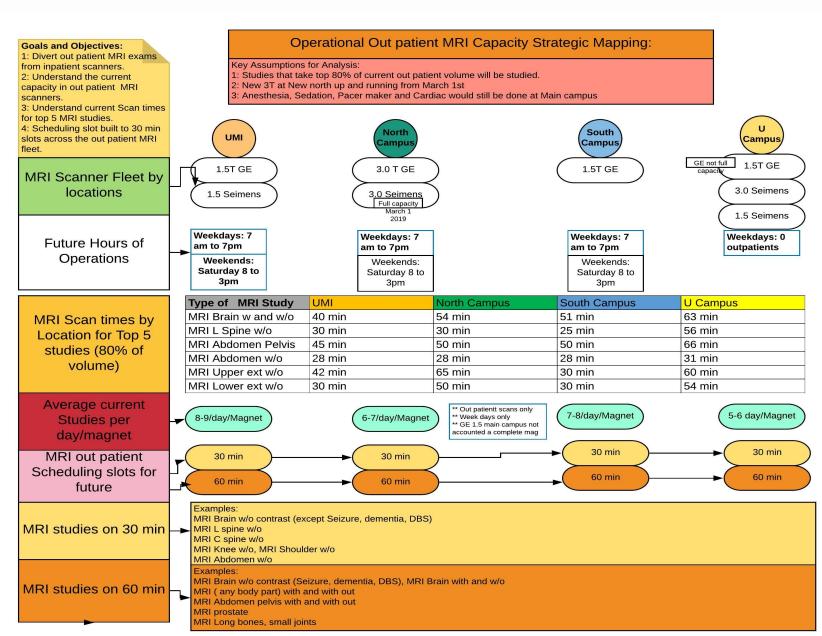
- Develop service standards for work flow (e.g., to be scheduled, insurance verification, waiting for information)
- Established workflow standards for patient and provider communication.
- Avoid multiple work queues without ownership.

Current Scheduling Work Flow Process Map





CASE EXAMPLE OF BUILDING MRI MODALITY CAPACITY



Key Action Items

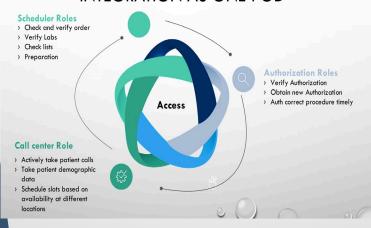
- 1: Build Scheduling blocks of 30 min and 60 min for all out patients.
- 2: Scan times and protocol standardized on all GE and Seimens scanners.
- 3: Optimize
 Tech and Tech
 aid for each
 scanner.
- 4: MRI patient screening preparation done a day before with nursing support.
- 5: Weekday and weekend extension of MRI hours of operations.

SUMMARY



 Radiology scheduling is complex and need efficient collaborative scheduling teams to improve access.

CORE SCHEDULING ACCESS TEAM FRAMEWORK: INTEGRATION AS ONE POD



©

O2. Integrated POD of Call center, scheduler and Authorization experts.

 Well defined assembly line framework to facilitate communication and accountability.

03. IT scheduling infrastructure

- IT workflow enhancements
- Document management system.
- Advanced analytics tools.

04. Analytics



- Access metrics can be measured accurately.
- Scheduling process & productivity metrics tracked.