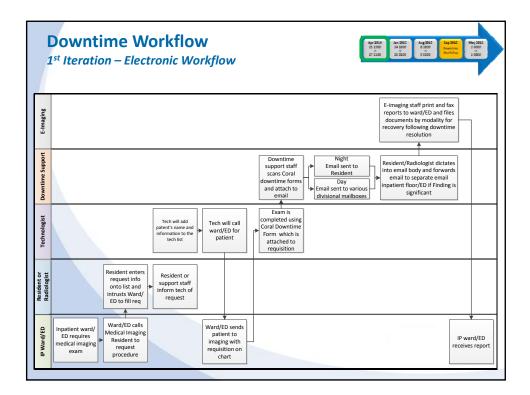
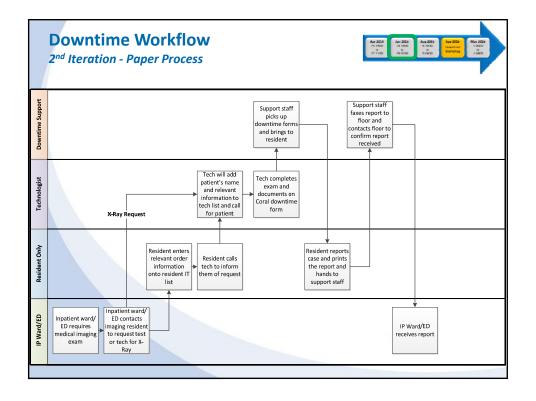
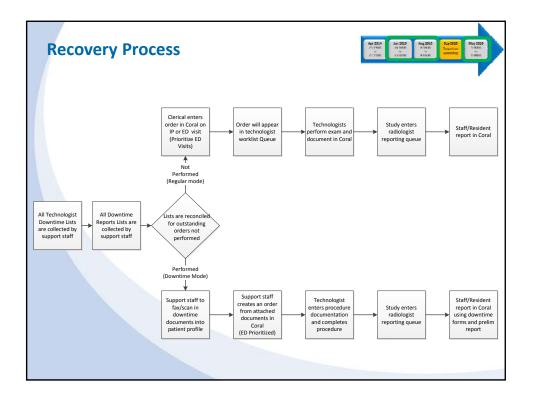


Pre Downtime Workshop	Apr 2014         Ann 2015         Ang 2015         Eng 2015         Eng 2015         Mang 2015         Man
What Worked Well	What Didn't Work
<ul> <li>Risks to the organization clearly identified, understood and communicated</li> <li>Workflows and roles/responsibilities for clinical staff during downtime identified</li> </ul>	<ul> <li>Fragmented planning process</li> <li>Short time frames for planning of downtime</li> <li>Lack of escalation points and decision making triggers</li> <li>Poorly understood communication channels</li> <li>Lack of role clarity with respect to downtime planning</li> </ul>

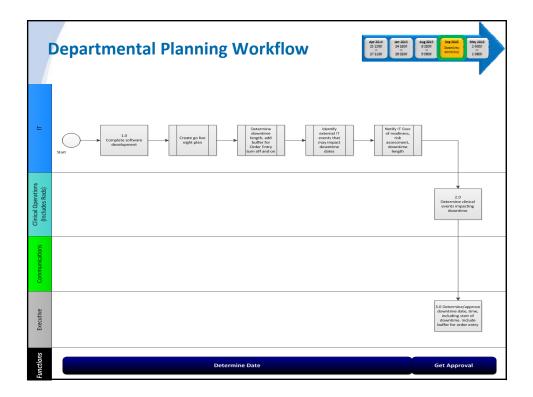


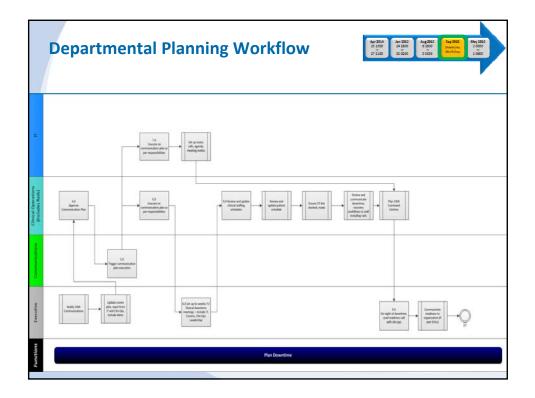




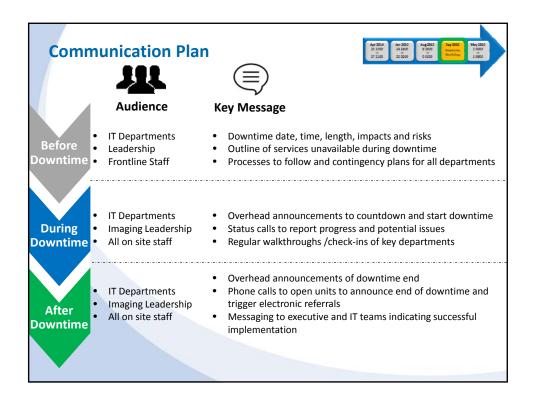
	Oowntime Wor	kshop
	In an effort to addre	ss challenges identified in previous downtimes a process improvement workshop was held
ls	sues Identified	Implemented Solutions
1.	Fragmented planning process	✓ Downtime governance structure established to ensure appropriate individuals are engaged during decision making
2.	Lack of escalation points and decision	✓ Comprehensive and collaborative planning workflow developed outlining clear triggers , decision making points and owners
3.	making triggers Poorly understood	<ul> <li>Clinical service delivery prioritized during downtime planning process</li> </ul>
	communication channels	<ul> <li>Implemented standard communication methodologies and standard timelines</li> </ul>

Downtime Wor Solutions Continued	kshop
Issues Identified	Implemented Solutions
Short timeframe for	✓ Standard planning time of 3 months established in order to allow adequate time for recruitment and training of staff
downtime notification	<ul> <li>Development of new features to be released post-downtime closed once date and length of downtime established</li> </ul>
	$\checkmark$ Process and action item owners identified
Lack of clear roles and responsibilities for staff members	✓ Job action sheets developed to ensure process and action item owners know what to do and when to do it when planning and executing downtimes
	✓ Downtime workflows revised and updated with feedback from IT and clinical stakeholders

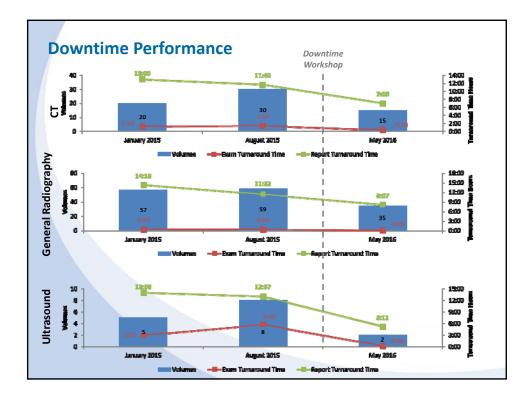




Job Actio		AP 2344 As 2011 As 2011 As 2011 Sep 344 Min 2011 22 2020 23 2020 23 2020 2020 100 100 100 100 100 100 100 1
Trigger	Task	Execution Time
Before Downtime		
Communication Downtime Date to Management Team	<ul> <li>Communicate Downtime Date and Time</li> <li>Initiate planning</li> <li>Create leadership and frontline schedule</li> <li>Engage physician stakeholders</li> </ul>	3 Months Prior to Downtime
During Downtime		
Downtime Start	<ul> <li>Conduct staff visits and support where necessary</li> <li>Participate in status calls</li> </ul>	Immediately when downtime begins
After Downtime		
Downtime End Status Calls	<ul><li>Initiate communication to IP units</li><li>Initiate Recovery Process</li></ul>	Immediately following end of downtime
		The Joint Department of MEDICAL IMAGING

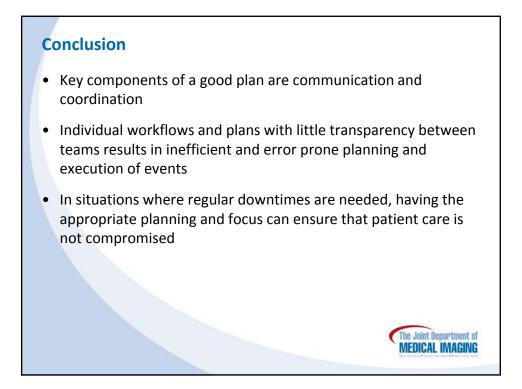


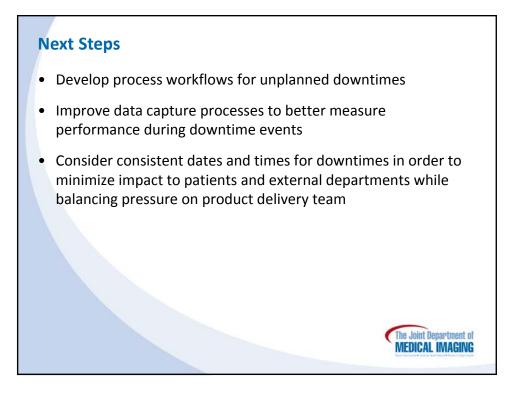
Post Downtime Workshop	Yr 70-4         Jar 80-5         Status         Stat
What Worked Well	What Didn't Work
<ul> <li>Clarity in roles and responsibilities for clinical and administrative staff with respect to planning and execution</li> <li>Reliable processes established and understood by all staff</li> <li>Clear and transparent communication process and channel</li> <li>Key points of escalation and decision making established</li> </ul>	<ul> <li>Timeframe of downtime resulted in challenges for product delivery team in both implementation of product and post downtime monitoring of system</li> </ul>
	The Joint Department of MEDICAL IMAGING



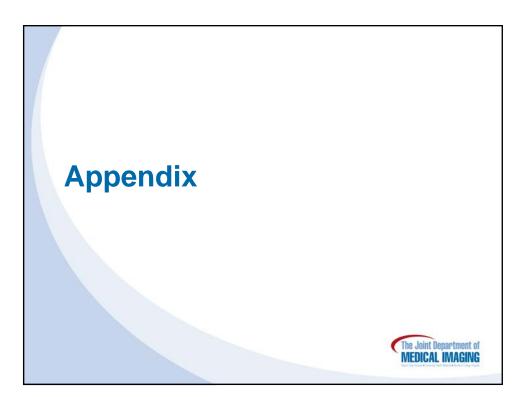
## **Lessons Learned**

- Consolidated departmental workflow with key points of escalation, communication and decision points allowed for safe and effective management of clinical operations
- Paper processes with appropriate supporting workflows proved to be more reliable and less susceptible to error
- Alignment of downtime timeframes with low periods of clinical activity resulted in fewer requests and better performance









(Numbe	Volumes r of Studies Perj	formed)		xam Turnaro ested to Study Pe			eport Turnard	
Avg Regular Overnight	Downtime Overnight	Variance	Regular Overnight	Downtime Overnight	Variance	Regular Overnight	Downtime Overnight	Variance
ст								
20.1	20	0%	2:07	1:10	-44.9%	6:49	13:00	90.7%
General Rad	liography							
45	57	26.7%	1:10	0:23	-67.1%	7:11	14:18	99.1%
Ultrasound						-		
2	5	150%	3:30	2:52	-18.1%	5:57	13:58	134.7%
							The Joint Dep	artment of MAGING

(Numbe	Volumes r of Studies Perj	formed)		<b>xam Turnard</b> ested to Study Pe			e <b>port Turnar</b> ested to Study R	
Avg Regular Overnight	Downtime Overnight	Variance	Regular Overnight	Downtime Overnight	Variance	Regular Overnight	Downtime Overnight	Variance
ст								
20.1	30	49.3%	2:07	1:18	-38.6%	6:49	11:40	71.1%
General Rad	diography							
45	59	31.1%	1:10	0:22	-68.6%	7:11	11:22	58.2%
Ultrasound								
2	8	300%	3:30	5:39	61.4%	5:57	12:57	117.6%
						5	The Joint Dep	artment of

ne Nariance		sieu to study Pe	erformed Hrs)	(Study Requ	ested to Study R	eported Hrs,
in l	Regular Overnight	Downtime Overnight	Variance	Regular Overnight	Downtime Overnight	Variance
		· · · · · · · · · · · · · · · · · · ·				
-25.4%	2:07	0:18	-85.8%	6:49	7:00	2.7%
y						
-22.2%	1:10	0:06	-91.4%	7:11	8:07	13%
0%	3:30	0:06	-97.1%	5:57	5:11	-12.9%
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ommunication Plan	Detailed plan outlining which stakeholders to engage and when	Downtime Communication Plan
Senior Clinical Director Job Action Sheet	Detailed instructions for required actions pre, during and post downtime	Job Action Sheet
Planning Workflow	Comprehensive workflow for departmental planning of downtime	Downtime Planning Process