

Carestation Insights OR Workflow App



CHALLENGE Operating Room delays can cost over \$60 per minute.¹



SOLUTION Real-time visibility into case phase without the need for data entry from the OR.

tilization Rate

58%



Turnover Time(Avg.)

19 mins.

OUTCOME

Phase Duration(Avg.)

Helps identify how to prioritize room turnover, ensure bed in the PACU is ready, and visibility to where patients are in the case.

Workflow and scheduling issues can reduce OR utilization by 10% per year.² But when the most advanced systems rely on manual entry of data, or still require manual communication steps like a page or a phone call, there remain too many variables that are error prone and can slow you down.

Carestation[™] Insights OR Workflow App harnesses high fidelity data from the GE anesthesia machine without the need to manually enter data. Using cloud-based analytics, case phase and OR status can now be algorithmically determined and displayed on any of your personal devices.



1. Improving the economy of surgical services, Part 4. Strate, Cody. The Cost of a Lost Minute in the OR. Jun 22, 2018. https://www.accessefm.com/blog/the-cost-of-a-lost-minute-in-the-or

 NHS Institute for Innovation and Improvement. The Productive Operating Theatre. http://www.institute.nhs.uk/images//documents/Quality_and_alue/Productive%20Operating%20Theatre/Finance%20leaflet.pdf

Operating Room Status: Live view into OR case phase

Caresto	ation™ Insights											ļ	& Csit
Operatin	g Room Sto	atus								Agent C	ost Checkout	Ventilation	OR Wo
		Inducing		Maintenance			Emerging			Ope			
		:	1		7	1		4		11		2	
Case Overv	iew											HR 3HR 6	HR
	3 14:40	14:45	14:50	14:55	15:00	15:05	15:10	15:15	15:20	15:25	15:30	15:35	
OR2	02m 35s		4					5			6		7
OR10	03m 31s												Ĭ
OR9	08m 33s												
OR15	10m 36s												
OR6													
OR4													
OR13													
OR3													
OR14													
OR5													
OR8													
OR1													

- Current phase and status summary of connected operating rooms.
- Timeframe to view current operating room status in graphical form.
- Emerging rooms sorted automatically to the top of the list with a timer showing current length of the emergence phase.
- **4.** Timeframe for completed cases shown in grey.
- 5. Timeframe for current case in induction phase shown in purple.
- 6. Timeframe for current case in maintenance phase shown in blue.
- 7. Time frame for current case in emergence phase shown in orange.

Operating Room Analysis: OR Efficiency Scorecard

Carestatio	n™ Insights				acdcus
Operating	g Room Analysis	S Monthly Overview	Date Month ← 01/	2020 🗟 → Age	ent Cost Checkout Ventilation OR Wor
Score	61	100 80 60 40 20 0 Jul Aug Sep	Oct Nov	2 Dec	Completed Cases 3 1191 Case Volume / OR 132
Utilizatio 58%	_	Turnover Time(Avg.) 19 mins. 5	Phase Duro Inducing Maintenance Emerging	tion(Avg.) 10m 6 16m 14m	First Case Start(Avg.) 02:22 7
Monthly View					
АМQАОС	Cases 134	First Case Start(Avg.) 03:28	Turnover Time(Avg.) 10 mins.	Utilization Rate	Action View Details
AMQAO	2 131	01:49	22 mins.	58%	View Details
AMQAOO	3 133	02:13	25 mins.	59%	View Details
AMQA00	4 136	02:12	18 mins.	58%	View Details

- Single efficiency score customized for the sites targets and goals.
- 2. Efficiency score tracked over time.
- **3.** Total number of completed cases and cases per OR.
- **4.** Utilization rate of machines.
- 5. Average turnover time between cases.
- 6. Duration of phases for all the cases.
- 7. Average first case start time.
- 8. Individual operating room characteristics.



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