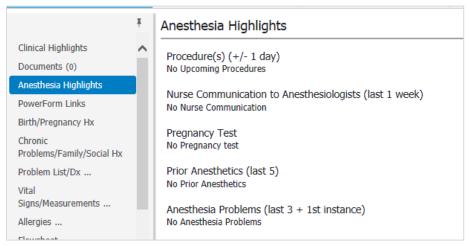


Anesthesia Highlights Features

This document explains the sections and information that displays in Anesthesia Highlights.

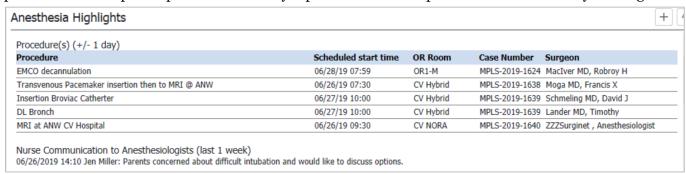
No Data found - when there is no data found for various headers in Anesthesia Highlights.



Procedures (+/- 1 day): Displays any scheduled procedures from yesterday through tomorrow (+/- 1 day).

Nurse communication to Anesthesiologists (last 1 week): Displays text from the nurse pre-op assessments entered within the last week.

Message Sender: Includes date/time name (title) of user entering data. Will also include any reported prior Anesthesia specific problems or family reported Anesthesia problems documented by nursing.



Sugammadex Alert Only displays if patient has this alert. If Sugammadex administered (not just ordered) within last 24 hours, this alert will display in Anesthesia Highlights.





Pregnancy Test

Displays most recent pregnancy test (blood or urine) and any comments on the results captured within the last 2 weeks on this specific encounter.

Pregnancy Test 06/13/2019 11:00 Pregnancy Test- Urine: Negative

Pregnancy Test

06/13/2019 11:00 Pregnancy Test- Urine: Negative, Result phoned to and read back by: Nancy N,RN @6/21/2019 08:30

Pregnancy Test No Pregnancy test

Prior Anesthetics (last 5) Prior Anesthetics change to "shows the 5 most recent PAAs or Provider Sedation completed and any Pre-Op Assessment, PAE, Anesthesia Record, or Procedural Sedatio - Pre-Assessment documented within same 24 hours".

Prior Anesthetics (last 5) Date of Surgery: 10/10/19 10:00 Date of Surgery: 07/29/19 07:35 Date of Surgery: 07/26/19 12:39 Inpatient Inpatient Inpatient Admitted: 06/13/19 Admitted: 06/13/19 Admitted: 06/13/19 Pre-Anesthesia Evaluation - 10/10/19 07:06 Pre-Op Assessment Record- Inpatient -Pre-Op Assessment Record- Inpatient -Anesthesia Record - 10/10/19 10:00 07/29/19 08:00 07/26/19 09:41 Provider Sedation - 10/10/19 12:47 Pre-Anesthesia Evaluation - 07/29/19 07:08 Pre-Anesthesia Evaluation - 07/26/19 12:09 Procedural Sedation - Pre Assessment -Anesthesia Record Pr - 07/29/19 07:35 Anesthesia Record - 07/26/19 12:39 Post-Anesthesia Assessment - 07/29/19 Post-Anesthesia Assessment - 07/26/19 10/10/19 09:15

Anesthesia Problems (last 3 + 1st instance) displays most recent 3 times + 1st time that any problems or Anesthesia module documentation occurred on these problem topics: Difficult Intubation, Malignant Hyperthermia, Pseudocholinesterase Deficiency, Obstructive Sleep Apnea, or Prior Sedation/Anesthesia problems.

Once that documentation/problem is identified, if PAA, Anesthesia Record, Pre-Op/Sedation, Pre-Op Assessment, Pre-Op Assessment (inpatient), Lines/Procedures Insertion, Provider Sedation documents were filed within 1 week before or 1 week after that triggering documentation/problem date/time, links to those powerforms will display under the header.

If multiple triggers are documented within the same timeframe, only the 1st documentation/problem that triggered will show and only 1 column is created.

Anesthesia Problems (last 3 + 1st instance)

Difficult Intubation
(Intubation procedure interventions 07/08/19 11:17)

Post-Anesthesia Assessment - 07/08/19 11:20

Lines/Procedures Insertion - 07/08/19 11:17

Malignant Hyperthermia
(Peri-Operative General Anesthesia Events 07/08/19 11:20)

Post-Anesthesia Assessment - 07/08/19 11:20

Pre-Op Assessment Record- Inpatient - 06/13/19 10:05

Pre-Op Assessment Record- Inpatient - 06/13/19 10:05

Pre-Op/Sedation - 06/21/19 00:00

Anesthesia Record - 06/21/19 00:00

Anesthesia Record - 06/21/19 10:12



If documentation of Anesthesia problem was done outside of powerform documentation such as adding a problem, and there is no anesthesia documentation around that time of adding the problem, only the trigger will display (no links).

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Anesthesia Problems (last 3 + 1st instance)

Obstructive Sleep Apnea
(Obstructive sleep apnea 07/18/19 10:52)
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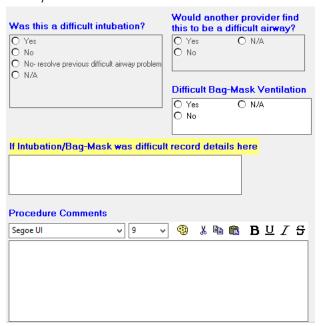
Note: Current PAE documentation plans for clicking review of systems and past medical history in ztool will NOT trigger any of these notifications.

Triggers for Anesthesia Difficult Intubation

Problems header



Lines/Procedures Insertion or Post Anesthesia Assessment powerform document – if Yes is selected for "Was this a difficult intubation?" or "Would another provider find this to be a difficult airway?", requires Lines/Procedures Insertion **Procedure Comments** documented.



Anesthesia module has documented Difficult Intubation as Yes – note is required below, Anticipated, or Unanticipated.



Problems that will trigger: Difficult intubation, Difficult tracheal intubation, History of difficult intubation, Unexpected difficult intubation, Expected difficult intubation, Difficult bag mask ventilation.



Malignant Hyperthermia



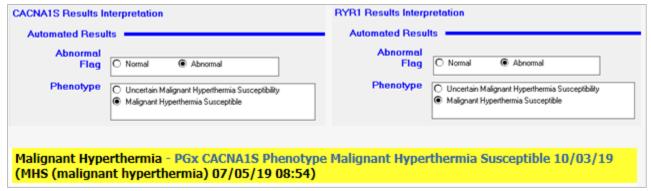
Anesthesia module has documented anything within the MH Precautions event.



Post-Anesthesia Assessment Surgical Events General Anesthesia Events has documented Malignant hyperthermia.



Malignant Hyperthermia is now also triggered by Pharmacogenomic results for RYR1 or CACNA1S Phenotype indicating Malignant Hyperthermia Susceptible. Provides link to Pharmacogenomics mpage for the life of the patient.



Problems: Family history of malignant hyperthermia, FH: Malignant hyperthermia, Malignant hyperthermia, Malignant hyperthermia due to anesthesia, MHS – Malignant hyperthermia, Malignant Hyperthermia susceptibility, Malignant Hyperthermia susceptibility type 1 – type 6, Malignant hyperthermia with arthrogryposis-torticollis syndrome.



Pseudocholinesterase deficiency

Pseudocholineseterase Deficiency (Pseudocholinesterase deficiency 07/18/19 10:50)	(Family history of pseudocholinesterase deficiency 06/21/19 10:06)
Pre-Op Assessment Record - 07/18/19 06:29	Pre-Op/Sedation - 06/21/19 00:00
Lines/Procedures Insertion - 07/15/19 08:41	Anesthesia Record - 06/21/19 00:00
	Post-Anesthesia Assessment - 06/21/19 10:12

Problems that will trigger: Pseudocholinesterase deficiency, Family history of pseudocholinesterase deficiency.

Obstructive Sleep Apnea

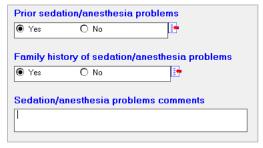
Obstructive Sleep Apnea (OSA (obstructive sleep apnea) 07/08/19 11:18) Post-Anesthesia Assessment - 07/08/19 11:20 Lines/Procedures Insertion - 07/08/19 11:17

Problems that will trigger: Obstructive sleep apnea, Obstructive sleep apnea of adult, Obstructive sleep apnea of child, Obstructive sleep apnea syndrome, OSA - Obstructive sleep apnea, Severe pediatric obstructive sleep apnea, Sleep Apnea, Organic Sleep Apnea, Neurogenic Sleep Apnea, Sleep-disorder breathing.

Prior Sedation/Anesthesia Problems

Prior Sedation/Anesthesia Problems (Family Hx of Sedation/Anesth Problems 07/18/19 10:56)	(Problems with prior anesthetics 06/13/19 10:05)
Pre-Op Assessment Record - 07/18/19 06:29 Provider Sedation - 07/18/19 10:56	Pre-Op Assessment Record- Inpatient - 06/13/19 10:05
Lines/Procedures Insertion - 07/15/19 08:41	

Provider Sedation document - selecting Yes for "Prior sedation/anesthesia problems", or "Family history of sedation/anesthesia problems", or any text in Sedation/anesthesia problems comments.



Post-Anesthesia Assessment when documenting surgical events, injury events as Central or arterial vascular access event, or peripheral vascular access event.

Injury Events		Peripheral vascular access event: infiltration, soft tissue damage, difficult PIV start (5 or more attempts to establish access) Visual loss: permanent impairment or total loss of sight within 30 days Dental injury: unanticipated loss of permanent tooth (teeth) within 30 days
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Anesthesia module Modify Peripheral IV where Difficult IV can be marked Yes.



Lines/Procedures Insertion for Arterial or CV Line if Procedure outcome is not Well with no intervention.

