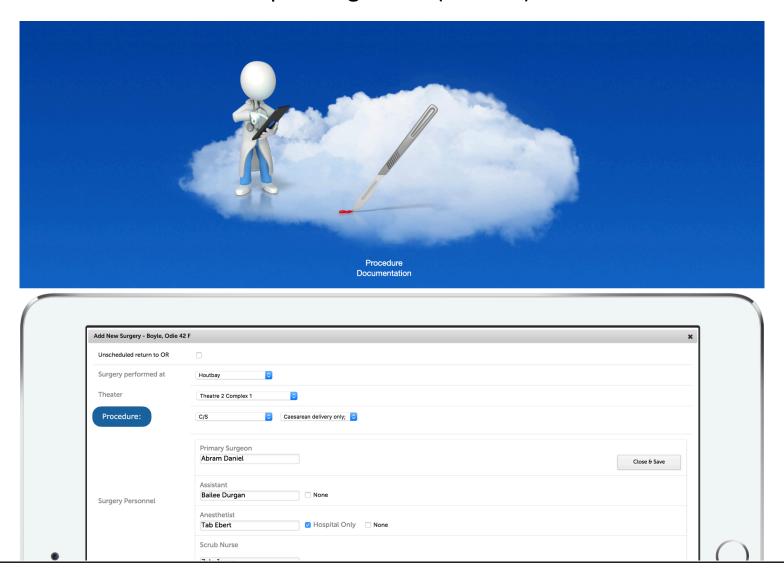
# Bluebird Operating Room (theatre)



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# Introduction

The Bluebird Operating Room Module is provided either as part of the Bluebird Hospital EMR or as a separate stand alone solution. It is designed to document operative procedures.

The Bluebird Operating Room Module can also accept data electronically from third party EMRs via a published API, but the Bluebird Operating Room Module generally provides additional detail that helps manage SSI's.

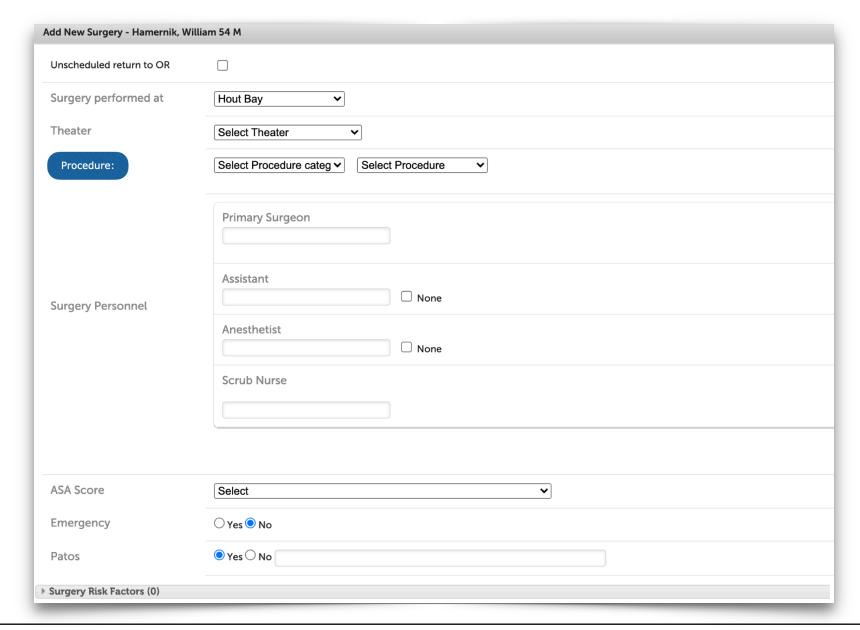
The User Interface screenshots on the following pages are generally self explanatory with most data being collected using drop down lists which allow easy data capture, eliminate spelling errors and enable automatic coding of the procedure.

#### Notes:

PATOS means "Present at the time of surgery".

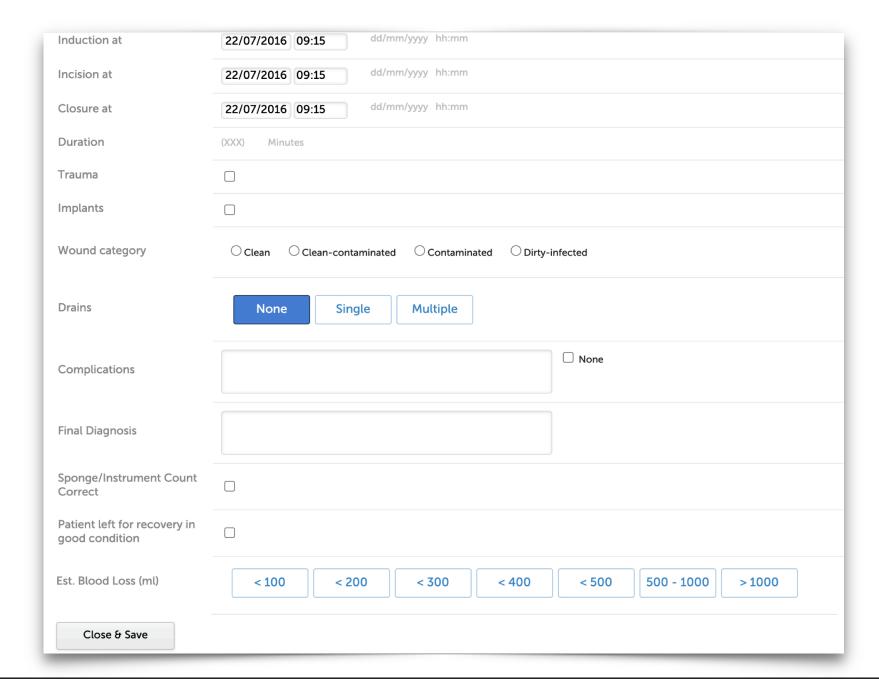
The American Society of Anaesthesiologists' (ASA) classification of Physical Health is a widely used grading system for preoperative health of the surgical patient <a href="http://ow.ly/Kvv830g9i9M">http://ow.ly/Kvv830g9i9M</a>

# **User Interface**



support@intelms.com

gery Risk Factors (0)
▼ Surgery Risk Factors (0)
☐ ASA Score (if done)
Extended duration of operation
☐ Wound Class III or IV
☐ Pre-op shower with CHX
☐ Hair removal method
☐ Skin prep in theatre done with CHX
☐ Break in aseptic technique
Peri-op hypothermia or hypoxia
☐ Tissue trauma (retractors, desiccation, haemostasis)
☐ HbA1c > 7%
☐ Low pre-op serum albumin
Pre-op hospital or ICU stay
☐ Irradiation of surgical site
Coloriantian manage



# **Coding (Default and Options)**

By default Bluebird uses the CDCs National Health and Safety Network (NHSN) codes.

Although the NHSN surgical coding is Bluebird's default option, Bluebird offers multiple coding options including CPT4 (<a href="intelms.com/338">intelms.com/338</a>), ICD10-PC (<a href="intelms.com/339">intelms.com/338</a>). Whatever coding option your hospital prefers, the complexity is hidden from Users who simply choose operative procedure categories and subcategories from drop down

Because SSI reporting is based on NHSN codes under the hood Bluebird translates the various code sets to NHSN codes.

Similarly if the hospital uses its own surgical module and sends Bluebird the procedure code via an HL7 message, Bluebird will translate that code to NHSN codes to empower CDC SSI reporting.

#### **Abdominal**

lists.

- APPY Appendectomy (not incidental)
- CHOL Cholecystectomy / cholecystotomy
- BILI Biliary (not gallbladder)
- BILI Liver
- BILI Pancreas
- HER Hernia (not diaphragmatic)
- SB Small bowel (not small-to-large bowel anastomosis)
- COLO Colon (not rectal)
- REC Rectal
- SPLE **Spleen**
- GAST **Stomach** (not include vagotomy and fundoplication)
- XLAP Other Abdominal

#### **Breast**

BRST Breast

## **Cardiac Thor**

- CARD **Open Cardiac** surgery ( not CABG, vascular, transplant or pacemaker)
- CBGB CABG + Donor
- CBGC CABG

- PACE Pacemaker surgery
- XCARbb Other Cardiac

## Eye

• EYE **Opthalmic Surgery** If the hospital has chosen the ICD or CPT option (see below) below and as in the case of EYE (or ENT or MXF or PRON) there are no NHSN mapping choices, BB shows a blank field for the 3rd category with the instruction embedded in the field to type the name of the procedure.

## **ENT**

ENT Ear, Nose & Throat Surgery

# Kidney

NEPH Kidney surgery

## Maxillofacial

MXF Maxillofacial

#### Neck

- NECK Neck surgery (not thyroid/para)
- THYR Thyroid / Parathyroid surgery

# Neurological

- CRAN **Craniotomy** (does not include taps or punctures)
- VSHN Ventricular shunt
- XNEUbb Other Neuro

# Ob/Gyn

- CSEC Cesarean delivery
- HYST Hysterectomy abdominal
- VHYS Hysterectomy vaginal
- OVRY **Ovarian** surgery
- XOBGbb Other OBGYN

# Orthopedic

- AMP **Amputation** of limb
- HPRO Hip replacement
- KPRO Knee replacement
- LAM Laminectomy
- FX **Open reduction** long bones
- FUSN **Spinal fusion**
- XOTHbb Other Ortho

# **Urological name changed from Prostrate**

- PRST **Prostatectomy** (not transurethral)
- XURObb Other Urological

## **Plastic & Reconstructive**

PRON Plastic & Reconstructive

## **Thoracic**

• THOR **Thoracic** surgery (Noncardiac, nonvascular; includes pneumonectomy and diaphragmatic or hiatal hernia repair)

# Transplant

- HTP Heart transplant
- KTP Kidney transplant
- LTP Liver transplant

• XTRAbb Other Transplant

## Vascular

- AAA Abdominal aortic repair
- CEA Carotid endarterectomy
- PVBY Peripheral artery bypass
- AVSD Shunt for dialysis
- XVASbb Other Vascular

NHSN Excel found at intelms.com/123. The CDA toolkits for all the codes over successive years can be found here: https://www.cdc.gov/nhsn/cdaportal/toolkits.html