The race against TIME: A sepsis escape game
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General resources:

- Hour 1 bundle visual, and hour 1 bundle checklist -explain to learners that these can be used throughout
- Place Vasoactive agent management sheet in front of the diagnostics book

-Start point flyer with QR code for nurse report

Puzzle #1:

Assessment

- 6 page patient file (patient file cover sheet, Temperature, mentation, Respiratory rate, Blood pressure, heart rate)
- 5 missing data sheets (spread out so all sheets with a star on them are separated)
- Assessment lock box book (CODE 352). This code is discovered by finding the missing data sheets (Mentation, Temp, RR, and associating the numbered stars to determine the order of the numbers found)

Inside of Assessment book: blood culture bottle, Petrie dish, and BPA scroll)

Puzzle #2:

Communication

FYI: place the chlorhexidine scrubber near the communication book

- Information for this puzzle is gathered via the QR code/7 taps found on the back of the BPA in the assessment book.
- Total of 3 separate blood culture bottles will need to be dispersed around the area (the puzzle requires a total of 4).
- The bag of blood sample tubes and the blood sample tube reference should be placed somewhere near the communication book
- The specimen cup should placed somewhere in the play area
- Communication lock box book (CODE 547) This code is discovered by aligning the blood culture bottles utilizing the stars on each bottle (1 bottle has 1 star, 1 bottle has 2..etc) when aligned in the right order the red letters on the bar code spell FIVE
- Players must find the correct blood sample tube for a lactate (dark green on reference sheet, tube has a number 4 on it)
- Players locate the specimen cup and look inside to find a number 7

Inside of the communication book: 3 scrolls

-blood culture site prep puzzle (1 star), lactate level blood draw site puzzle (2 stars), blood pressure/MAP puzzle (3 stars)

Puzzle #3:

Diagnostics

FYI: place the chlorhexidine scrubber near the communication box

- Information for this puzzle is located inside of the communication book (the 3 scrolls)
- On the inside cover of the diagnostics book it states (blood culture site prep, lactate level, patient MAP). This is the order the discovered numbers need to be placed to open this book
- Puzzle 1 (1 star)- blood culture site prep. Players use the chlorhexidine scrubber to erase dry erase message on this scroll, revealing the word ONE (reset-hide perm marker message using dry erase marker)
- Puzzle 2 (2 stars)- lactate level- players lift the velcroe band-aide to reveal the hidden lactate level of 4 (reset, replace velcroe band aide
- Puzzle 3 (3 stars): players notice yellow underlined 8 on MAP of 58
- Diagnostics lock box: (CODE 148)

Inside of diagnostics book: 1 petrie dish, 3 scrolls
-scroll 1 (1 star) calculator, scroll 2 (2 stars) table of IV fluids AND sheet with images of IV fluids, scroll 3 (3 stars) Vasopressors

Puzzle #4:

Interventions

- Information for this puzzle is discovered via the 3 scrolls found in the diagnostics book.
- On the inside cover of the intervention book, it states the total amount of IV fluids to be given MINUS number associated with IV fluid to be given MINUS number associated w/ vasopressor to be given (this simple math problem gives the correct code to the intervention book)
- Puzzle 1: amount of IV fluid. Laminated calculator (FYI: players will need access to the patient file face sheet and the hour one bundle to calculate the amount of IV fluid to be given, players may use their phone if needed) This will give them the number 2580
- Puzzle 2: IV fluid to be given. This has 2 laminated sheets, one is a logic puzzle on a table of 3 different IV fluids, 1 is an image of 3 different IV fluids. By process of elimination, players conclude the IV fluid is plasmalyte and associate this with the number 2000 just above the picture of that bag of fluid. Players subtract this from 2580 giving them 580
- Puzzle 3: Vasopressor to be given. FYI: players will need access to the vasoactive agent management sheet to determine Norepinephrine is the first-line vasopressor. Players associate this vasopressor with the number 80 just above the picture. Players subtract this from 580, giving them 500
- Interventions lockbox: (CODE 500)

Inside of interventions book: secured QR code to 7 taps, Petrie dish, black light

Puzzle #5:

6 letter Cryptex and treasure chest locked with antibiotic inside

FYI: the cryptex should placed near the clear treasure chest

- Information for this puzzle is discovered via the QR code/7taps located inside of the Interventions book.

- The 7 taps message states that the specimens respond to a certain type of light. When players notice that the specimens are the Petrie dishes located and collected throughout, they shine the black light on each Petrie dish
- Players need to recognize that one Petrie dish has 1 bacteria in it, another has 2, another has 3 and so on to decide what order to place them in.
- When in the correct order of 1-6, and once the black light is placed on each Petrie dish, the word “PIPTAZ” will be spelled
- Cryptex: (CODE: PIPTAZ)
- Inside of the cryptex is the key to the lock on the clear treasure chest.

Once players unlock the treasure chest, and obtain the antibiotic, and press the button inside, the game is complete (the hour 1 bundle has been completed)

- Cryptex reset: FYI-letters need to be aligned precisely along the 2 arrows on both sides. The key should be placed back inside, and the cryptex should be reset to lock the device.
- Treasure chest should have the antiobitic placed back inside (if removed), the buzzer button placed back inside, the lock placed and secured back on the outside