

Handoff Coordinator

"I'm _____ and will be coordinating this handoff.

Verbalize bed in place/Vent connected/Monitor hooked up/Intro's upon arrival

"Is everyone ready (START WHEN QUIET)?.....Who will watch the monitors?
"If handover participants haven't introduced themselves, please do so now.

"ANES (use name), review the SITUATION (procedure, stable/unstable in transport)

"SURG (use name), review the BACKGROUND

HEMO-
DYNAMICS



"ANES, what is your assessment of Hemodynamics?

SURG, your recommendations?

ICU RN/MD, summarize HD recommendations/goals on white board.

BLEEDING

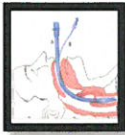


"ANES, what is your assessment of Bleeding?

SURG, your recommendations?

ICU RN/MD, summarize Bleeding recs/goals on white board.

AIRWAY/
RESPIRATORY



"ANES, what is your assessment of Airway/Oxygenation?

SURG, fast track?

RT, what are the vent settings?

OTHER
CONDITIONS



"ANES, SURG, any Other high risk conditions/concerns?

ICUMD, "did we miss any critical elements?"

READBACK



ICUMD and ICURN, "Please review the goals:

- (white board) Hemodyn / drip wean / call for bleeding / fast-track?
- any other task to complete?

WRAP-UP



"ANES, SURG, did we address your greatest concerns?

Who is the surgery resident on call?

Receiving Team, are you ready to assume care?



"Thank everyone for your time and attention. That took us ____ min."

ANESTHESIOLOGIST

*speaking parts in blue



Situation

- *Surgery Performed*
- *Stable/Unstable Condition*
- *Treatments required to keep patient stable*





Background

- Pertinent PMH
- Indication for surgery
- Procedure Performed, Clamp/Pump Time
- Complication & Concerns
- Dressing/Drains/Tubes

Assessment & Request


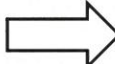
Hemodynamics

<ul style="list-style-type: none"> • <i>Baseline BP</i> • <i>Pre/Post ECHO</i> • <i>Issues coming off CPB</i> • <i>Current inotrope/pressor doses</i> • <i>PPM setting/underlying rhythm</i> • <i>Last CI, SVR, CVP, PADP</i> 		<ul style="list-style-type: none"> • Target BP/CVP • Weaning Plan • Pacemaker Plan • Other Questions
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RN READBACK

Assessment & Request


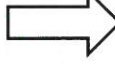
Bleeding

<ul style="list-style-type: none"> • <i>Blood products given</i> <ul style="list-style-type: none"> - <i>PRBC, PLT, FFP, CRYO</i> - <i>Cell Saver</i> • <i>Last Hgb, PLT CT, FIB level, ROTEM</i> • <i>Planned Transfusion</i> 		<ul style="list-style-type: none"> • CT drainage notification • Hgb transfusion trigger • Planned transfusions • Planned additional lab
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RN READBACK

Assessment & Request


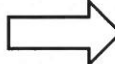
Airway/Respiratory

<ul style="list-style-type: none"> • <i>Difficulty of Airway</i> • <i>Oxygenation/Ventilation issues?</i> • <i>Last opioid, NMR, reversal</i> • <i>Current sedation</i> 		<ul style="list-style-type: none"> • Ventilator Settings • Fast Track Y / N
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RT READBACK

Assessment & Request

Other High-Risk Conditions/Concerns

<ul style="list-style-type: none"> • <i>State, if present</i> <ul style="list-style-type: none"> <input type="checkbox"/> <i>Diabetes</i> <input type="checkbox"/> <i>Renal dysfxn (Cr > 1.2)</i> <input type="checkbox"/> <i>h/o AFIB</i> <input type="checkbox"/> <i>Previous CVAs</i> <input type="checkbox"/> <i>COPD</i> • <i>Last abx</i> • <i>Immunosuppression therapy if given</i> 		<ul style="list-style-type: none"> • Next abx dose • Other goals and tasks
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RN READBACK

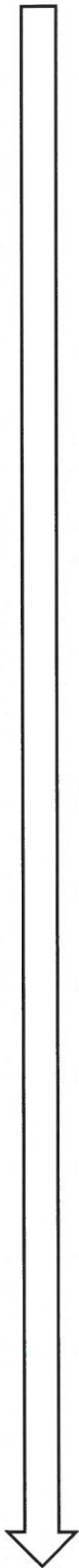
Wrap-Up

- *State your greatest concern or the difficulty most likely to be encountered.*

INTRODUCE YOURSELF AS EARLY AS POSSIBLE

SURGEON

*speaking parts in red



Situation

- Stable/Unstable Condition
- **Announce any issues everyone needs to be aware of before report begins**


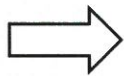
Background

- **Pertinent PMH**
- **Indication for surgery**
- **Procedure Performed, Clamp/Pump Time**
- **Complication & Concerns**
- **Dressing/Drains/Tubes**

Assessment & Request

ANES GOES FIRST **Hemodynamics**

- **Target BP**
- **Weaning Plan**
- **Pacemaker Plan**
- **Other Goals**


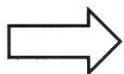
- Target BP/CVP
- Weaning Plan
- Pacemaker Plan
- Other Questions

RN READBACK

Assessment & Request

Bleeding

- **CT drainage notification**
- **Hgb transfusion trigger**
- **Other planned transfusion**
- **Additional labs**



- CT drainage notification
- Hgb Transfusion trigger
- Planned transfusions
- Planned additional labs

RN READBACK

Assessment & Request

Airway/Respiratory

- A/W Difficulty/Device
- Oxygenation/ventilation issues
- Current sedation
- Extubation Plan



- Ventilator Settings
- Fast Track Y / N

RT READBACK

Assessment & Request

Other High-Risk Conditions/Concerns

- History of:
 - DM / Renal dysfxn / AFIB / CVA / COPD
- **When to give next dose of antibiotic**

- Next antibiotic dose

RN READBACK

Wrap-Up





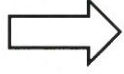

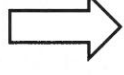


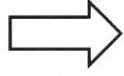



- **State your greatest concern or the difficulty mostly likely to be encountered.**
- **Provide name of which CVTS resident to call.**



INTRODUCE YOURSELF AS EARLY AS POSSIBLE

ADMIT RN/RT

*speaking parts in green/purple

Background	Situation <ul style="list-style-type: none"> Stable/Unstable Condition 				
	Background <ul style="list-style-type: none"> Pertinent PMH Indication for surgery Procedure Performed, Clamp/Pump Time Complication & Concerns Dressing/Drains/Tubes 				
Assessment & Request	Hemodynamics <ul style="list-style-type: none"> Pre/Post ECHO Issues coming off CPB Last CI, SVR, CVP, PADP Target BP/CVP Vasoactive Weaning Plan Pacemaker Plan 			 <ul style="list-style-type: none"> Target BP/CVP Weaning Plan Pacemaker Plan Other Questions 	RN CHECKBACK
	Bleeding <ul style="list-style-type: none"> Blood products given PRBC, PLT CT, FFP, CRYO CT Drainage instructions Transfusion triggers Additional labs 			 <ul style="list-style-type: none"> CT drainage notification Hgb transfusion trigger Planned transfusions Planned additional labs 	RN CHECKBACK
Assessment & Request	Airway/Respiratory <ul style="list-style-type: none"> Airway difficulty Vent/Oxygenation issues Sedation Plan Extubation Plan 			 <ul style="list-style-type: none"> Ventilator Settings Fast Track Y / N 	RT CHECKBACK
	Other High-Risk Conditions/Concerns <ul style="list-style-type: none"> History of: <ul style="list-style-type: none"> <input type="checkbox"/> DM / Renal dysfxn / AFIB / CVA / COPD Last abx Immunosuppression therapy, if given 			 <ul style="list-style-type: none"> Next antibiotic due 	RN CHECKBACK
Readback					
<ul style="list-style-type: none"> Write all recommendations on whiteboard or verbally read back Resolve any management plans and orders with ICU MD. 					
Wrap-Up					
<ul style="list-style-type: none"> Understand ANES/SURG greatest concerns? Have name of surgical resident on call? Ready to assume care of patient? 					

ICU MD - CTQ CHECKLIST

*speaking parts in orange
* Anesthesia in blue, Surgery in red

INTRODUCE YOURSELF ON ARRIVAL

SITUATION ___ Surgery Performed ___ Stable/Unstable Condition ___ Rx Required (drug/fluid bolus) ___ Critical Concerns	BACKGROUND ___ Pertinent PMH ___ Indication for Surgery ___ Procedure Performed, Clamp/Pump Time ___ Complications/Concerns ___ Dressings/Drains/Tubes
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ASSESSMENT

HEMODYNAMICS ___ Baseline BP
___ Pre/Post ECHO
___ Issues coming off CPB
___ Current inotrope/pressor doses
___ PPM setting/underlying rhythm
___ Last CI, SVR, CVP, PADP

BLEEDING ___ Blood Products Given:
PRBC, PLT, FFP, CRYO, Cell saver
___ Last Hgb, PLT CT, Fibrin, ROTEM
___ Planned Transfusion

AIRWAY/RESPIRATORY
___ Difficulty of Airway
___ Oxygen/Ventilation Issues
___ Last Opioid, NMR, Reversal
___ Current Sedation

OTHER, only if present
___ Diabetes
___ Renal dysfxn (Cr > 1.2)
___ H/O Afib
___ Previous CVA
___ COPD
___ Last abx
___ Immunosuppression therapy (if given)

REQUEST: **ICUMD, ICURN to summarize recommendations/goals on white board.**

Hemodynamics ___ Target BP/CVP
___ Weaning Plan
___ Pacemaker Plan
___ Other questions

Bleeding ___ CT drainage instructions
___ Hgb transfusion trigger
___ Other transfusion planned
___ Additional lab planned

Airway/Respiratory
___ Vent Settings
___ Fast Track Y / N

Other
___ Next abx dose
___ Other goals/tasks

Wrap Up: ICU MD verifies all CTQ issues were addressed during Handover or Wrap Up.