

Supplementary Material

Figure 1. Surgical Safety Checklist; Front (a) and back (b).

(a).

Can be done individually	SIGN IN/BRIEFING (prior to procedure room)	RESPONDER
Proceduralist	"PLEASE TELL ME YOUR NAME and DOB" (confirm from ID band)*	Patient/Guardian
Proceduralist	"PLEASE TELL ME WHAT PROCEDURE WE ARE DOING?" (which side?)*	Patient/Guardian
Proceduralist	Obtain/ Confirm consent	Patient/Guardian
Proceduralist	Speak with nurse: equipment/devices	Nurse
Proceduralist	Discuss sedation/anesthesia if applicable re: plan	Anesthesia
Proceduralist	Mark side/site if appropriate	Proceduralist
Proceduralist	If "high risk" of 'never event' , were radiographic studies reviewed by two credentialed practitioners AND documented?	Proceduralist
Anesthesia	"PLEASE STATE YOUR NAME and DOB" (confirm from ID band)*	Patient/Guardian
Anesthesia	"PLEASE TELL ME WHAT PROCEDURE WE ARE DOING?" (which side?)*	Patient/Guardian
Anesthesia	"DO YOU HAVE ANY ALLERGIES?"*	Patient/Guardian
Anesthesia	Speak with Proceduralist re: plan and availability	Proceduralist
Anesthesia	Check side and site mark; mark site if regional/block planned	Anesthesia
Nurse	"PLEASE STATE YOUR NAME and DOB" (confirm from ID band)*	Patient/Guardian
Nurse	"PLEASE TELL ME WHAT PROCEDURE WE ARE DOING?" (which side?)*	Patient/Guardian
Nurse	"DO YOU HAVE ANY ALLERGIES?"*	Patient/Guardian
Nurse	Speak with Proceduralist re: equipment/devices	Proceduralist
MUST BE DONE AS TEAM	VERIFY SIGN IN (ARRIVAL IN PROCEDURE ROOM)- USE SCRIPT	RESPONDER
Anesthesia	"ARE WE READY TO VERIFY THE SIGN IN?"	Nurse
	Anesthesia secures consent and confirms answers	
Anesthesia	"PLEASE TELL ME YOUR NAME and DOB?" * (nurse; confirm ID band)	Patient
Anesthesia	"HAVE YOU SPOKEN TO PROCEDURALIST ABOUT EQUIPMENT/NEEDS?"	Nurse
Anesthesia	Confirm Proceduralist availability and sedation plan	none
Anesthesia	"MACHINE CHECK IS COMPLETE" (where appropriate)	Anesthesia
Anesthesia	"PATIENT (HAS/DOES NOT HAVE THESE) RISK ALERTS (diff airway, aspiration, BMI >40, ASA 4/5, sickle cell, fire RISK)	Anesthesia
TEAM MEMBERS INVOLVED	MINI TIME OUT (PRIOR TO START OF PROCEDURE - USE SCRIPT)	RESPONDER
Nurse	"ARE WE READY FOR MINI TIME OUT ?"	team involvd
Nurse	"PLEASE INTRODUCE YOURSELF AND YOUR ROLE"	team involvd
Nurse	"WHAT IS Patient NAME/DOB/MRN#? (Confirm wID band/consent)	proced/anest
Nurse	"WHAT PROCEDURE ARE WE PERFORMING?"	proced/anest
Nurse	"DO THE SIDE/SITE REQUIRE MARKING? IF YES, PLEASE POINT OUT"	proced/anest
	*If patient is unable to respond, team member confirms info from wristband/ consent	Rev: PROC-17-11/11/13

(b).

MUST BE DONE AS TEAM	TIME OUT (IN OR- ANES HOLDS SCRIPT)	RESPONDER
Anesthesia	"ARE WE READY FOR TIME OUT?"	all team
Anesthesia	"PLEASE INTRODUCE YOURSELF AND YOUR ROLE"	all team
Anesthesia	"IS STERILITY CONFIRMED?"	circulator/ scrub
Nurse	Holds ID document other than consent for Surgeon	none
Anesthesia	Confirms Surgeons answers with surgical consent	none
Anesthesia	"WHAT IS Patient NAME/DOB/MRN#?"	Surgeon
Anesthesia	"WHAT PROCEDURE ARE WE PERFORMING?"	Surgeon
Anesthesia	"DO THE SIDE AND SITE REQUIRE MARKING? IF YES, PLEASE POINT OUT"	Surgeon
Anesthesia	"IS THE PATIENT CORRECTLY POSITIONED FOR THIS CASE?"	Surgeon
Anesthesia	"WHAT DVT PROPHYLAXIS WILL YOU BE PROVIDING BEFORE, DURING AND AFTER SURGERY?"	Surgeon
Anesthesia	"WILL THIS PATIENT REQUIRE SPECIAL FLUIDS OR IRRIGATION ON THE FIELD?"	Surgeon
Anesthesia	"WHAT IS ESTIMATED DURATION AND EBL?"	Surgeon
Anesthesia	"ARE ALL SUPPLIES, EQUIPMENT, IMAGES, AND IMPLANTS YOU EXPECT PRESENT?"	Surgeon or Nurse
Anesthesia	"IS THIS A HIGH RISK PROCEDURE? IF YES, WERE IMAGES REVIEWED TWO CREDENTIALLED PRACTITIONERS AND DOCUMENTED?"	Surgeon
Anesthesia	"PROCEDURE CONFIRMED BY CONSENT"	Anesthesia
Anesthesia	State Allergies...	Anesthesia
Anesthesia	State Anesthetic considerations, including risk alerts...	Anesthesia
Anesthesia	State Antibiotic dosing...	Anesthesia
Anesthesia	"NO BLOOD PRODUCTS REQUIRED" OR " ARE BLOOD PRODUCTS AVAILABLE?"	Nurse
Anesthesia	Patient disposition...	none
Anesthesia	"ANYONE HAVE Patient SPECIFIC CONCERNS THAT HAVE NOT BEEN ADDRESSED?"	any team member
Nurse	"WE HAVE INDEPENDENTLY AND COLLECTIVELY IDENTIFIED THE Patient BY NAME AND BIRTH DATE AND HAVE RESOLVED ANY DISCREPANCIES."	all team members
	"CONFIRMED"	All team members
MUST BE DONE AS TEAM	SIGN OUT (IN OR- CIRC HOLDS SCRIPT)	RESPONDER
Nurse	"ARE WE READY TO DO SIGN OUT?"	all team members
Nurse	"WHAT IS NAME OF PROCEDURE TO BE RECORDED?"	Surgeon
Nurse	"WHAT IS WOUND CLASS TO BE RECORDED?"	Surgeon
Nurse	"ANY EQUIPMENT OR SUPPLY ISSUES TO BE ADDRESSED?"	scrub
Nurse	"IS THE INSTRUMENT AND SPONGE COUNT CORRECT?"	scrub
Nurse	"THE SPECIMEN(S) AND PATHOLOGY FORM(S) ARE RECONCILED, LABELLED AND COMPLETED."	Nurse
Nurse	"WHAT IS EBL?"	Anesthesia
Nurse	"ARE THERE ANY CONCERNS FOR RECOVERY OF THE Patient?"	Anesthesia
Nurse	"WHAT IS DISPOSITION OF Patient?"	Anesthesia
		Rev: PROC-17-11/11/13

Figure 2. Assignment of OR's to 'fast' (solid) and 'slow' (dashed) cohort based on baseline period non operative times.

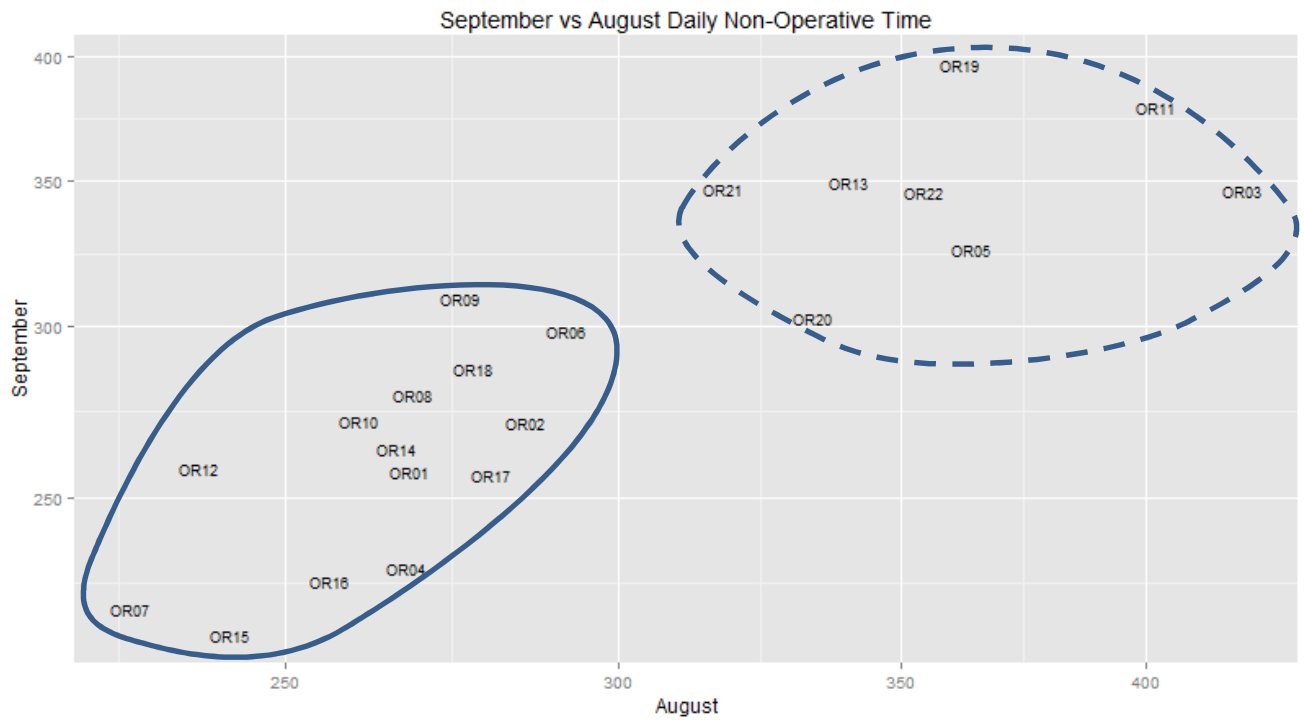


Figure 3. Consort diagram showing the intervention phase.

