Patiel	(place patient label here) nt Name: Directions: (√)- Check orders to activate; Orders with pre-checked box ☑ will be followed unless lined out. Initial each place in the pre-printed order set where changes such as additions, deletions or line outs have been made Initial each page and Sign/Date/Time last page	Benefis HEALTH SYSTEM Benefis HOSPITALS PROVIDER ORDERS	
•	:		
Card Gene	iovascular Surgery - Preoperative ral Order for Surgery:	Version 6 5/22/17	,
Pa	Date of Surgery: ***Obtain the Written Authorization for Ordered Surgery*** nt Placement tient Status Admit to inpatient		
Activi ☑ □	·		
	Glucose, blood, point-of-care measurement 3 times a day, before meals Urinary catheter initiation/management PLACE IN OR Hibiclens shower in evening before surgery and in morning of surgery (a with hibiclens for at least one minute Surgical preparation, hair removal, use electric clippers only: neck to na legs ankle to groin (inside only) morning of surgery Notify provider if patient has angina (Surgeon and Cardiologist) Notify provider with all abnormal lab values Notify provider if capillary blood glucose is greater than 180 mg/dL x 2 of Notify provider if patient has latex allergy Give scheduled beta blocker in the morning prior to surgery hold if hear notify anesthesia Other	s and morning before surgery after surgical clip); scrub chest avel, nipple to nipple and bilater consecutive results	-2
Respi	Oxygen Delivery RT/RN to determine: Titrate to keep oxygen saturation Education, incentive spirometry Bedside spirometry evaluation O2 saturation on room air Pulmonary function tests Heart Healthy Diet Controlled Carbohydrate Diet NPO after midnight the day of surgery Other:	greater or equal to 92%	

Sodium Chloride 0.9% IV

☑ 75 milliliter/hour continuous intravenous infusion IF no other maintenance fluids are ordered, Begin at 0600 for 0800 surgery, all surgery times begin at 0800 Lactated Ringers IV

75 milliliter/hour continuous intravenous infusion IF no other maintenance fluids are ordered, Be	gin at (ე600
for 0800 surgery, all surgery times begin at 0800		

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(place patient label here)
Patient Name:

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PROVIDER ORDERS

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Perioperative Antibacterial Prophylaxis

chlorhexidine gluconate 0.12% mouthwash (PERIDEX)

☑ 15 milliliter orally (swish and spit) 2 times a day (Give AM of surgery)

Reminders: Penicillin Allergy

- Penicillin allergy unknown reaction or known anaphylactic reaction: If patient believes they are penicillin allergic- discuss signs/symptoms of anaphylaxis to determine if cephalosporins are safe. If has had symptoms of anaphylaxis (loss of consciousness, shock, difficulty breathing, airway closure from laryngeal edema, hypotension with onset less than 1 day after taking penicillin) or unable to determine the reaction type: DO NOT USE CEPHALOSPORINS.
- Penicillin allergy known non-anaphylactic reaction: If patient reaction to penicillin is rash, hives, swelling, skin redness, itching or GI symptoms with onset of greater than 1 day- MAY USE CEPHALOSPORINS.

☑ INITIATE GROUP 1 Surgical Pre-op Antibiotic Prophylaxis Protocol

• After provider initiation of the group 1 protocol, nursing is to select appropriate antibiotics from the group 1 protocol choices below:

No Cephalosporin Allergy and No Anaphylaxis to Penicillin:

ceFAZolin (ANCEF)

- □ 2 gram intravenously once 0-60 minutes prior to surgical incision and repeat dose every 4 hours if surgical case is greater than 4 hours
- □ 3 gram intravenously once (Select for patients greater than 120 kilogram) 0-60 minutes prior to surgical incision and repeat dose every 4 hours if surgical case is greater than 4 hours

Cephalosporin Allergy OR Anaphylaxis to Penicillin OR unable to determine reaction type to Penicillin:

clindamycin (CLEOCIN)

□ 900 milligram intravenously once 0-60 minutes prior to surgical incision and repeat dose every 6 hours if surgical case is greater than 6 hours

☑ INITIATE MRSA/MSSA Treatment Protocol

After provider initiation protocol, nursing is to select from the protocol options below:

MRSA positive □yes □no MSSA positive □yes □no

IF MRSA or MSSA screen is positive: SELECT

mupirocin (BACTROBAN) 2% nasal ointment

 0.5 gram in each nostril 2 times a day for 5 day = 10 total doses Begin day of surgery and/or give dose just prior to surgery

MRSA positive screen or history of MRSA without pre-op screen: SELECT in addition to above antibiotics

- Select for all positive pre-op MRSA screen results prior to mupirocin (BACTROBAN) treatment regardless of post mupirocin (BACTROBAN) MRSA screen results vancomycin (VANCOCIN)
 - □ 15 milligram/kilogram intravenously once (2 gram MAX) 0-120 minutes prior to surgical incision, no repeat dose needed Pharmacy to dose

Initials	;	

(place patient label here)	9
Patient Name:	
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> Initial each page and Sign/Date/Time last page	PR
Medications Medications to hold before elective surgery:	
Pharmacy Communication	
 Discontinue all ACE inhibitors, NSAIDS (DO NOT D/C ASPIRIN), metformir surgery 	n and diuret
☑ Discontinue clopidogrel or ticagrelor 5 days before surgery @	_
□ Discontinue efficit 7 days prior to surgery @	

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- ics 48 hours prior to
- ☑ Discontinue enoxaparin 1 day prior to surgery, after AM dose @ _____
- ☑ Discontinue arixtra 2 days prior to surgery @
- ☑ Discontinue rivaroxaban 2 days prior to surgery @
- ☑ Discontinue dabigatran 2 days prior to surgery if GFR (CrCl) greater than 50 ml/min @
- ☑ Discontinue dabigatran 5 days prior to surgery if GFR (CrCl) less than 50 ml/min @ ______
- ☑ Discontinue apixaban 2 days prior to surgery @ _

Insulin Correction Level

- ☑ insulin lispro (HUMALOG) Medium Dose Correction AC ONLY- DO NOT CORRECT AT HS:
 - 141 180 mg/dL 2 unit;
 - 181- 220 mg/dL 4 units;
 - 221 260 mg/dL 6 units;
 - 261 300 mg/dL 8 units;
 - 301-350 mg/dL 10 units;
 - greater than 350 mg/dL -Call Physician
- ☑ Initiate hypoglycemia protocol for glucose less than 70 mg/dL

Antiarrhythmics - Prophylaxis: Beta-Blockers

metoprolol tartrate (LOPRESSOR)

- □ 25 milligram orally 2 times a day Hold for heart rate less than 50 bpm- Give AM of surgery metoprolol succinate (TOPROL-XL)
 - □ 25 milligram orally once a day Hold for heart rate less than 50 bpm- Give AM of surgery

Chest Pain

nitroglycerin 0.4 mg sublingual tablet (NITROSTAT)

☑ 1 tablet sublingually as needed for chest pain May repeat every 5 minutes with max of 3 doses for a single chest pain episode within one hour; Hold for systolic blood pressure less than 90 mmHq. NOTIFY PROVIDER if given

morphine

- ☑ 2 milligram intravenously every 5 minutes as needed for chest pain not relieved by nitroglycerin. (give up to MAX of 10 milligram); NOTIFY PROVIDER if given
- If patient is allergic to morphine: select meperidine meperidine
 - □ 10 milligram intravenously every 5 minutes as needed for chest pain (give up to MAX of 50 milligram)

Analgesics: Non-opioids

acetaminophen (TYLENOL)

□ 650 milligram orally every 4 hours as needed for mild-to-moderate pain or fever greater than 101F

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(place patient label here)	
Patient Name:	
Patient Name:	

BENEFIS HEALTH SYSTEM

PROVIDER ORDERS

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Antiemetics

metoclopramide (REGLAN)

- ☑ 10 milligram orally every 4 hours as needed for nausea/vomiting.
- ☑ 10 milligram intravenously every 4 hours as needed for nausea/vomiting ondansetron (ZOFRAN)
 - ☑ 4 milligram orally every 4 hours as needed for nausea/vomiting unrelieved by metoclopramide
 - ☑ 4 milligram intravenously every 4 hours as needed for nausea/vomiting unrelieved by metoclopramide

Bronchodilators: Inhalers

- Select the following if patient has a history of smoking within the last 2 months albuterol 90 microgram/inhalation aerosol (VENTOLIN)
 - ☐ 3 puff inhaled, with spacer every 4 hours, while awake ipratropium 17 mcg/actuation aerosol inhaler (ATROVENT)
 - ☐ 3 puff inhaled, with spacer every 4 hours, while awake

Vitamin and Mineral Supplements

ferrous sulfate (FERATAB)

□ 325 milligram orally 3 times a day

vitamin C

☑ 2000 milligram orally once the night before surgery

Magnesium Supplements

- If creatinine is greater than 2.5; order alternative for magnesium sulfate magnesium sulfate
 - ☑ 5 gram intravenously once for 3 hour Begin 2 hours before surgery

Lipid-Regulating Agents

- Select only if patient is not currently on a Statin atorvastatin (LIPITOR)
 - □ 80 milligram orally once a day, at bedtime

Xanthine Oxidase Inhibitors

allopurinol (ZYLOPRIM)

☑ 300 milligram orally once a day

Platelet Inhibitors: Salicylates

aspirin

☐ 325 milligram orally once a day

Initials	

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Blood Bank

☑ PTT

☑ CBC/AUTO DIFF

☑ PT (protime and INR)☑ UA/ Culture if indicated

☑ Platelet aggregation□ Verify now aspirin

□ Verify now P2Y12 (plavix)□ Magnesium (Mg) level, serum□ Phosphorus level, serum

☑ Calcium level, serum, ionized

☑ Comprehensive metabolic panel☐ Blood gas study arterial, on room air

ALL blood products are leukoreduced, this attribute does not need to be ordered.

☐ Special Instructions for Blood Bank:

- If patient antibody screen is POSITIVE; obtain type and crossmatch the DAY BEFORE surgery
- If patient antibody screen is NEGATIVE; obtain type and crossmatch the DAY OF surgery
 ☑ Type and screen -obtain with pre-op labs on all outpatients Special instructions: Open heart case

PACKED CELL (TYPE & CROSS) [BBK]

Quantity: _____
Quantity: 4 for all re-op procedures

If product is for OR, when (if known) ____
Additional Instructions for Blood Bank: if antibody screen is positive, crossmatch day prior to surgery

Platelets (BBK)

Quantity: ____
If product is for OR, when (if known) ____
Special Instructions for Blood Bank: Notify surgeon if less that 2 pheresis are available

FFP (BBK)
Quantity: ____
If product is for OR, when (if known): ____

☑ Type and screen -obtain with pre-op labs on all outpatients Special instructions: Open heart case

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	Patient N	(place patient label here) Name:	
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PROVIDER ORDERS

	ogy and Diagnostic Tests 12-lead ECG -Within 7 days of surgery; Reason for exam: age greater than 40 CT, chest, without contrast routine Reason for exam: US carotid doppler routine Reason for exam: ECHO, transesophageal To be done during OR; Reason for exam: valvular function diagnostics
Consu	
	ovider to provider notification preferred. Consult other provider regarding
Ц	Does nursing need to contact consulted provider? [] Yes [] No
	Consult to cardiology regarding:
_	Does nursing need to contact consulted provider? [] Yes [] No
	Consult to pulmonology regarding:
	Does nursing need to contact consulted provider? [] Yes [] No
	Consult to nephrology regarding:
	Does nursing need to contact consulted provider? [] Yes [] No
	Consult to care coordination to evaluate request for pre-op dental evaluation and home care
	Consult to dentistry regarding:
	Does nursing need to contact consulted provider? [] Yes [] No
	Consult to anesthesiology regarding
	Does nursing need to contact consulted provider? [X] Yes [] No Nursing to notify anesthesia when
	all other consults are completed