

SVHCD QUALITY COMMITTEE

AGENDA WEDNESDAY, MAY 22, 2024

5:00 pm Regular Session Held in Person:

SVH Administrative Conference Room

To Participate Via Zoom Videoconferencing use the link below: https://sonomavalleyhospital-org.zoom.us/j/97100197319

Meeting ID: 971 0019 7319

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RECOMMENDATION				
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platt Idell Action: pg. 2-4				
Kutza, PharmD Inform: pg. 5-18				
er Inform: pg. 19				
er Inform: pg. 20-39				
Inform: pg. 40-49				
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SONOMA VALLEY HEALTH CARE DISTRICT QUALITY COMMITTEE

Wednesday, April 24, 2024, 5:00 PM

MINUTES

Via Zoom Teleconference

Members Present – In Person	Excused	Public/Staff – Via Zoom
Judith Bjorndal, MD (interim chair)	Susan Kornblatt Idell	Denise Kalos, via zoom
Carl Speizer, MD		Kylie Cooper, RN BSN CPHQ MBA, Director of
Carol Snyder		Quality and Risk Mgmt.
Howard Eisenstark, MD		Stephanie Montecino, Infection Preventionist
Michael Mainardi, MD		Paul Amara, MD, FACOG, via zoom
		Whitney Reese, Board Clerk

AGENDA ITEM	DISCUSSION	ACTION
1. CALL TO ORDER/ANNOUNCEMENTS	Bjorndal	
	Bjorndal is filling in for Susan Kornblatt Idell, as Committee Chair, to run the meeting.	
2. PUBLIC COMMENT SECTION	Bjorndal	
	No public comments	
3. CONSENT CALENDAR Minutes 03.27.24	Bjorndal	ACTION
		Motion to approve Speizer, 2 nd by Snyder

4. INFECTION PREVENTION ANNUAL RISK ASSESSMENT / PLAN	Stephanie Montecino, Infection Preventionist	INFORM
	 Montecino presented the following topics: What does an Infection Preventionist do? Infection Prevention 2023 Quality Metrics Key Concepts to an (ICRA) The updated ICRA with No Mitigation recommendation changes for 2024 What microorganisms are identified as a threat during construction Discussion highlighted the challenges in diagnosing community-acquired infections like C diff, especially when symptoms are not immediately visible. Montecino and Cooper discussed the hospital's improved testing protocols and low infection rates due to nurse-driven stool sample testing and antibiotic stewardship measures. A question was raised regarding comparing infection rates with other hospitals and it was suggested to focus on internal data when infection rates are low. Cooper explained the challenges in comparing data due to outdated information and discusses the hospital's successful strategies, including probiotic usage and nurse education. The use of a new drug, fidaxomiacin. has been very successful at decreasing reoccurrence. Infection control during hospital construction is emphasized, detailing measures to minimize airborne contaminants and ensure staff and patient safety. Mitigation recommendations include portable hygiene stations, HVAC systems with filtration, partitions, negative pressure rooms, and hand hygiene protocols. 	Stephanie Montecino presented the Quality department's Infection Prevention Annual Risk Assessment / Plan
5. QUALITY COMMITTEE CHARTER	Bjorndal	ACTION
		Motion to recommend to Board of Directors for approval by Speizer, 2 nd by Eisenstark
6. QUALITY INDICATOR PERFORMANCE & PLAN	Cooper	INFORM

	 Cooper presented data for March 2024. A few takeaways: The PSI 90 showed significant improvement from the previous month. One patient experienced a fall. Root cause analysis was conducted, and monitoring plans will be implemented to prevent similar incidents. Readmissions significantly improved from February, with four cases. Efforts are being made to work with hospitalists to reduce readmissions and improve observation status admission. Focus on geriatric care is emphasized, with plans for a nurse practitioner to provide care for patients over 65 in primary care offices. Goals for stroke certification were met. Efforts are underway to streamline processes in the Emergency Department, including reducing the time from arrival to discharge decision and improving bed placement. Patient satisfaction scores were generally high across different departments, with hand and physical therapy receiving particularly high ratings. 	Kylie Cooper presented the Quality department's March 2024 data
7. POLICIES AND PROCEDURES	Cooper	INFORM
	Cooper presented to the for approval to the Board of Directors: • AccuChek Inform II Glucose Monitoring System • Clozapine REMS Procedure	Cooper presented to committee
8. CLOSED SESSION: a. Calif. Health & Safety Code §32155: Medical Staff Credentialing & Peer Review Report	Bjorndal	ACTION
		Motion to recommend to Board of Directors for approval Speizer, 2 nd by Mainardi
9. ADJOURN	Bjorndal	
	Meeting adjourned at 5:56 pm	

Adverse Drug Events
Antimicrobial Stewardship
Controlled Substances
Pyxis Utilization
IV Room
Pharmacy Services



Adverse Drug Events

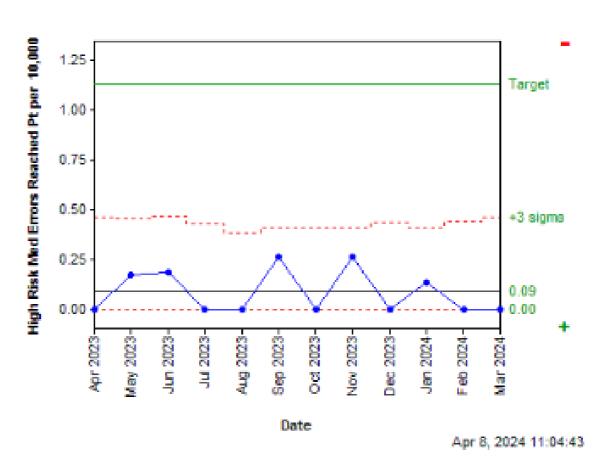
- Administration Errors Per 10,000 Doses
- High Risk Med Errors Per 10,000 Doses
- Near Miss %
- Smart Pump- No Drug Selected
- Smart Pump- Hard Alerts
- Smart Pump- Soft Alerts



Rx-ADEs-High Risk Med Errors Per 10,000 Doses (M)

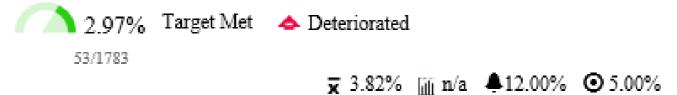
0.00 Target Met — No Change

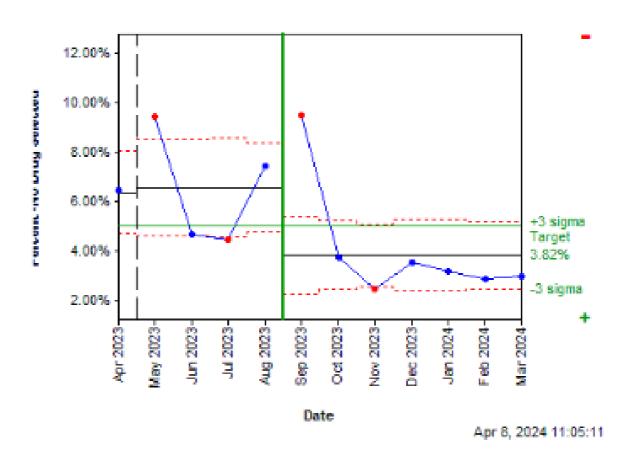
₹ 0.09 m n/a ♣2.00 • 1.13





Rx-Smart Pump- No Drug Selected

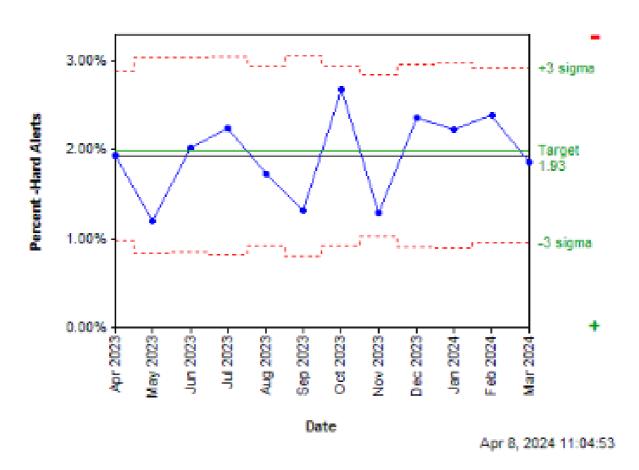






Rx-Smart Pump- Hard Alerts







Antimicrobial Stewardship

- Cefepime DOT
- Ertapenem DOT
- Levofloxacin DOT
- Meropenem DOT
- Pip-Tazo DOT
- Vancomycin DOT
- Antimicrobial Spend PAPD (\$)

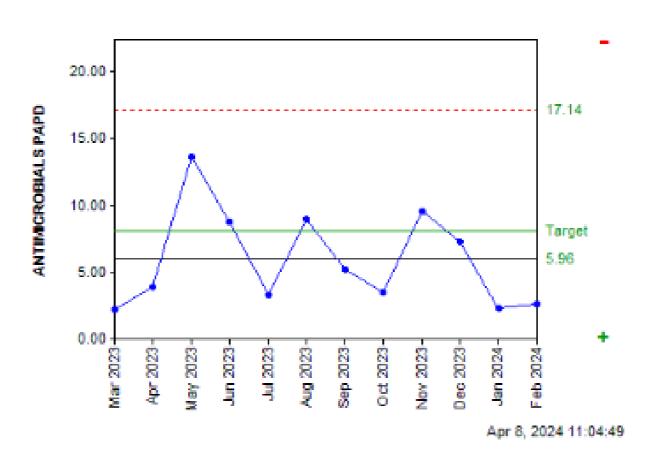


Rx-Antimicrobial Spend PAPD (M)



1 2.57 Target Met 📤 Deteriorated

₹ 5.96 m/a ♣10.00 • 8.00

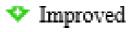


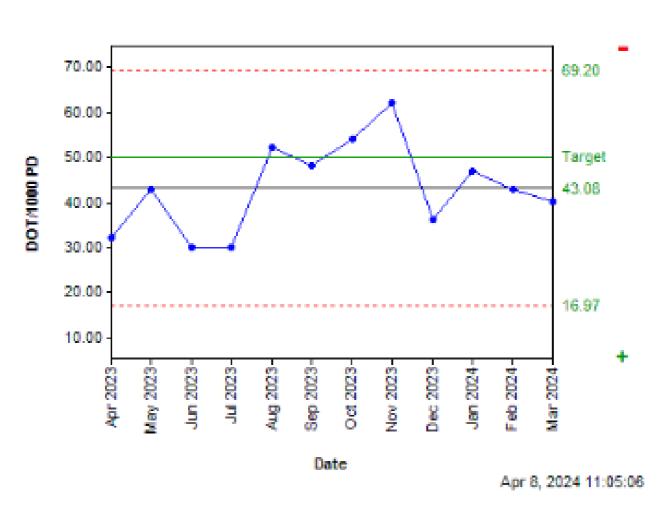


Rx-Antimicrobial Stewardship Vancomycin DOT



40.00 Target Met 💠 Improved



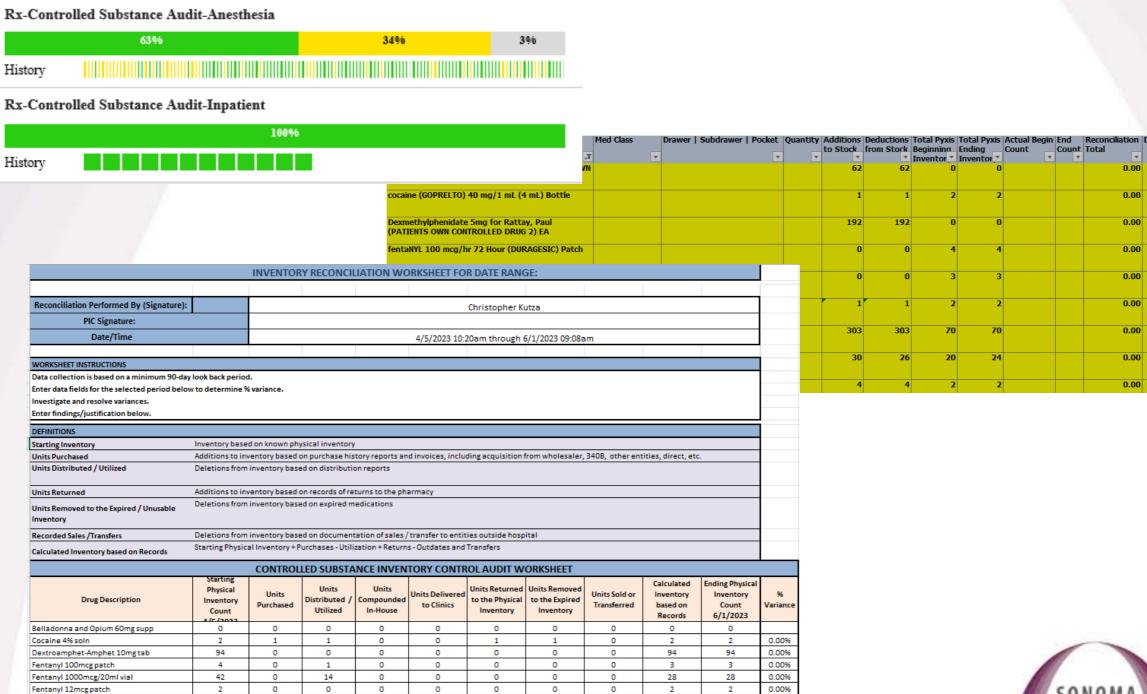




Controlled Substances

- Controlled Substance Audit-Anesthesia
- Controlled Substance Audit-Inpatient
- C2 Safe Reconciliation
- Nursing Unit Pyxis Reconciliation







Fentanyl 25mcg patch

IV Room

- Cleanroom Certification
- Cleanroom Contact Plates
- Cleanroom End Product Testing
- Cleanroom Glovetip Testing
- Cleanroom Hood Cleaning
- Cleanroom Quantitative Analysis
- Cleanroom Room Cleaning-Daily
- Cleanroom Room Cleaning-Weekly
- Cleanroom Written Competencies



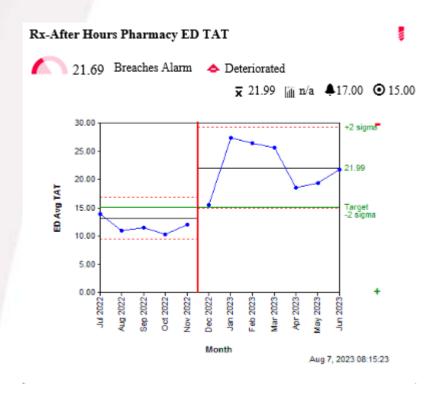
USP 797

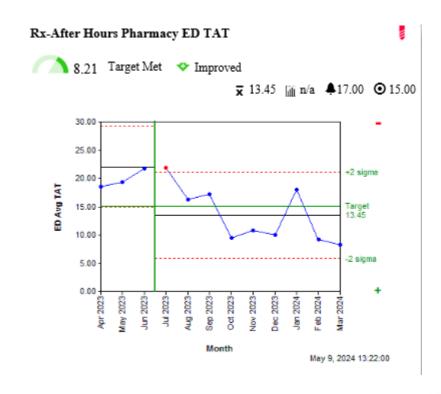
- Changes in how we use different hoods
- Changes in training requirements
- Changes in competency requirements



Pharmacy Services

- After Hours Interventions
- After Hours Pharmacy ED TAT
- After Hours Pharmacy Errors
- Clinical Interventions-Dollars Saved



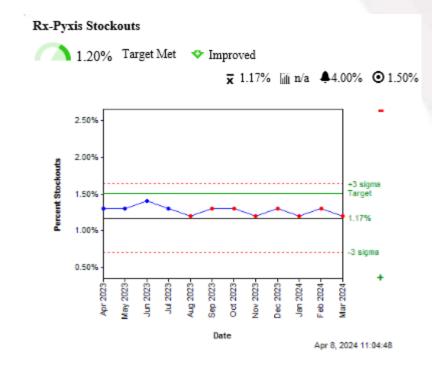


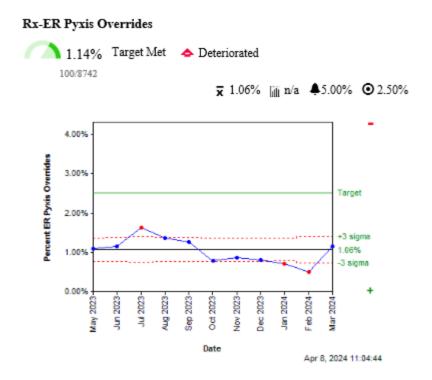


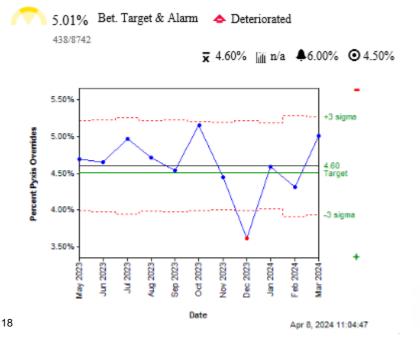
Pyxis

Rx-Pvxis Overrides

- ER Pyxis Overrides
- Pyxis Overrides
- Pyxis Stockouts









Patient Care Services Dashboard Q1 2024

Medication Scanning Rate			2024			Nursing Turnover		20	24 Staf	f/Quarte	er
	Q2	Q3	Q4	Q1	Goal	# of RNs	Q2	Q3	Q4	Q1	Goal
Inpatient (ICU/MS)	96%	96%	96%	96%	≥90%	RNs, >0.5FTE (n=64)	3 (4.8%)	2 (3.4%)	4 (6.6%)	4 (8.1%)	<u><5</u>
Pre/Post Op	94%	96%	97%	92%	≥90%						
ED	78%	83%	84%	85%	<u>></u> 90%	Patient Experience: Q- Reviews			20	24	
Preventable med errors R/T Med Scanning	0	2	0	0	≤2	2023	Q2 4.78	Q3 4.78	Q4 4.81	Q1 4.83	Goal
						RATE MY HOSPITAL- PH	HYSICAL 1	THERAPY	,		
ر مداند ر	landina ka	(OA)	W 202	4		Overall score	4.92	4.94	4.92	4.94	<u>≥</u> 4.75
Quality	indicato	ors (QAI	1) 202	4		RATE MY HOSPITAL-OUT	PATIENT	SURGER	Υ		
	Q2	Q3	Q4	Q1	Goal	Overall Score	4.81	4.83	4.88	4.9	<u>≥</u> 4.75
Antibx admin within 30"- M/S and ICU	93%	94%	92%		<u>></u> 90%	RATE MY HO	SPITAL -	ED			
Cont. OBS for Psych Pt- ED**New Bundle Q2, May- June	20%	34%	67%	89%	100%	Overall score	4.6	4.61	4.61	4.6	≥4.75
Drug Admin Errors- Pharmacy (per 10000	0.12 (n=19)	0.35 (n=18)	0.64 (n=22)	0.41 (n=22)	<1	RATE MY HOSPITAL - N	1EDICAL I	IMAGINO	ì		
						Overall score	4.87	4.81	4.87	4.91	≥4.75
						RATE MY HOSPITA	AL-INPAT	IENT			
Case	Manag	ement :	2024			Overall score	4.83	4.83	4.67	4.78	≥4.75
	02	Q3	Q4	01	Goal	Nurse Staffing Effective	ness: T	ransfe	rs r/t s	staffing	/beds
Patient Choice Form Completed	94%	93%	93%	91%	90%	2023 - 2024	Q2	Q3	Q4	Q1	Goal
							1	0	1	0	≤0
		Green = G	oal Met	Yellow =	Below goa	Red = Continues below goal or signific	antly bel	ow goal			

Quality Indicator Performance & Plan

Board Quality Presentation May 2024

Data For April 2024



Mortality

☆ Mortality

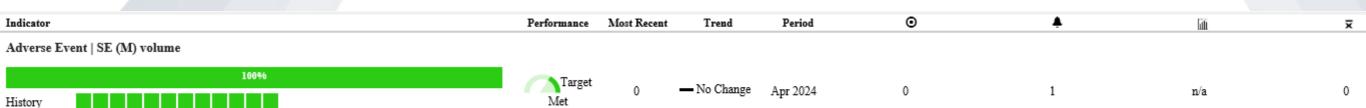
X Mortality								
Indicator	Performance	Most Recent	Trend	Period	0	A	láú	x
Acute Care Mortality Rate (M)								
100%	Target							
History	Met	2.9%	Improved	Apr 2024	15.3%	n/a	n/a	3.3%
		2/70						
COPD Mortality Rate M								
75% 17% 8%	Breaches	20.0%	❖ Improved		0.50/	,	,	C 40/
History	Alarm	1/5	♥ Improved	Apr 2024	8.5%	n/a	n/a	6.1%
Congestive Heart Failure Mortality Rate M								
100%	Target	0.0%	- No Change	Apr 2024	11.5%	n/a	n/a	0.0%
History History	Met	0/3		•				
Pneumonia Mortality Rate M								
91% 99%								
History History	Target Met	0.0%	- No Change	Apr 2024	15.6%	n/a	n/a	3.0%
		0/7						
Ischemic Stroke Mortality Rate M								
100%	Target	0.0%	— No Chango		12.00/	,	,	0.00/
History	Met	0.076	- No Change	Apr 2024	13.8%	n/a	n/a	0.0%
Hemorrhagic Stroke - Mortality Rate (M)								
	Target	0.0%	- No Change	Apr 2024	0.0%	1.0%	n/a	12.5%
History History	Met	0/1						
Indicator	Performance	Most Recent	Trend	Period	0		āli	×
Sepsis, Severe - Mortality Rate (M)								
8396	Target							
History History	Met	0.070	- No Change	Apr 2024	25.0%	n/a	n/a	9.8%
		0/3						
Septic Shock - Mortality Rate (M)								
75% 25%	Target							
History History	Met	0.0%	- No Change	Apr 2024	25.0%	n/a	n/a	25.0%
		0/1						

AHRQ Patient Safety Indicators





Adverse Events Reporting





Blood Products





Significant Medication Errors and Adverse Drug Reactions

No Adverse Drug Reactions

Indicator			Performance	Most Recent	Trend	Period	Θ	A	lidi	₹
Rx-ADEs-I	High Risk Med Errors Per 10,000 Doses (M)									
	100%		Target	0.00	— Na Changa	. 2024		2.00		0.00
History			Met	0/75656	- No Change	Apr 2024	1.13	2.00	n/a	0.08
Rx-Admini	nistration Errors Per 10,000 Doses Dispensed									
	8396	17%	Bet.	1.06	• Deteriorated	4 2024	1.00	2.00	-6-	0.40
History			Target & Alarm	1.06 8/75656	▲ Deteriorated	Apr 2024	1.00	3.00	n/a	0.48



Patient Falls

Indicator	Performance	Most Recent	Trend	Period	•		lili	×
RM ACUTE FALL- All (M) per 1000 patient days								
7596 1696 996	Target	0.00	⋄ Improved	* 2024	2.75	4.00		1 22
History Market M	Met	0/230	₩ Improved	Apr 2024	3.75	4.00	n/a	1.33
RM ACUTE FALL- WITH INJURY (M) per 1000 patient days								
91%	Target	0.00		. 2024	2.75	4.00	,	0.22
History	Met	0/230	Improved	Apr 2024	3.75	4.00	n/a	0.33



Readmissions

Indicator	Performance	Most Recent	Trend	Period	0	A	lili	×
30-DV Inpatients - % Readmit to Acute Care within 30 Days (M)								
100%	Target							
History History	Met	1.56%	Improved	Apr 2024	15.30%	15.50%	n/a	5.10%
COPD, CMS Readm - % Readmit within 30 Days, ACA (M)		1/05						
58% 25% 17%	Target	0.00/	27 (0)					
History	Met	0.0%	- No Change	Apr 2024	19.5%	20.0%	n/a	12.0%
HF, CMS Readm Rdctn - % Readmit within 30 Days, ACA (M)								
75% 25%	Target	0.0%	❖ Improved	3 2024	24.69/	22.00/	-1-	0.19/
History History	Met	0.0%	▼ impioved	Apr 2024	21.6%	22.0%	n/a	9.1%
Hip/Knee, CMS Readm Rdctn - % Readmit within 30 Days, ACA (M)								
58% 42%	Target	n/a		3 2004	4.09/	5.00/	-1-	0.00/
History	Undefined	n/a 0/0		Apr 2024	4.0%	5.0%	n/a	0.0%
PNA, CMS Readm Rdctn - % Readmit within 30 Days, ACA (M)								
9196	Target	0.0%	❖ Improved	3 2024	4.2.50/	47.00/	,	4 60/
History History	Met	0.0%	4 Improved	Apr 2024	16.6%	17.0%	n/a	1.6%
Sepsis, Severe - % Readmit within 30 Days (M)								
9196 996	Target	0.0%	N. Cl					
History	Met	0.0%	- No Change	Apr 2024	12.0%	13.0%	n/a	0.0%
Septic Shock - % Readmit within 30 Days (M)								
100%	Target	0.0%	❖ Improved	Apr 2024	13.3%	14.0%	n/a	0.1%
History	Met	0/1	V amproces	Api 2024	13.370	14.0/0	III d	0.176



Blood Culture Contamination

Indicator			Performance	Most Recent	Trend	Period	Θ	A	látí	×
Blood Cul	ltures -Contamination Rate LAB (M)									
	91%	9%	Target	1 10/	- I		2.00/	4.007	,	
History			Met	1.1% 1/94	Improved	Apr 2024	3.0%	4.0%	n/a	1.4%
Blood Cul	ltures -Total Contamination Rate (M)									
	75%	25%	Target	1.0%	Tunnered	. 2024	2.00/	4.007	,	2.00/
History			Met	2/200	❖ Improved	Apr 2024	3.0%	4.0%	n/a	2.0%
Blood Cul	ltures -Contamination Rate RN (M)									
	66%	996 2596	Target	1.0%	- Improved	4 2024	2.00/	2.40/	,	2.69/
History			Met	1/105	Improved	Apr 2024	3.0%	3.1%	n/a	2.6%

Month	RN-Contaminated Culture Reports (num)	Blood Cultures Drawn by RN (den)	Percent
Apr 2024	1	105	1.0%
Mar 2024	5	113	4.4%
Feb 2024	5	86	5.8%
Jan 2024	1	93	1.1%
Dec 2023	3	112	2.7%
Nov 2023	2	134	1.5%
Oct 2023	3	122	2.5%
Sep 2023	1	97	1.0%
Aug 2023	5	94	5.3%
Jul 2023	2	89	2.2%
Jun 2023	3	98	3.1%
May 2023	1	111	0.9%



CIHQ Stroke Certification Measures

Indicator	Performance	Most Recent	Trend	Period	Θ	A	lidi	x
CDSTK-03 Median- Code Stroke Called M elapsed time (mins)								
9196	Target	2		A 2024	10	11	(-	4
History History	Met		♥ Imploved	Apr 2024	10	11	n/a	4
CDSTK-04 Median- Door to Phys Eval M minutes								
100%	Target	1	▲ Deteriorated	Anr 2024	10	11	n/a	2
History	Met		<u></u>	Api 2024	10		Iva	
CDSTK-05 Median- Door to CT Scanner M elapsed time (minutes)								
91%	Target	2	- Improved		25	24	,	
History	Met	2	❖ Improved	Apr 2024	25	26	n/a	8
CDSTK-06 Median- Neuro Consult Contacted M minutes								
8396	Target	26	▲ Deteriorated	* 2024	20	24	- 6-	22
History	Met	26	♣ Deteriorated	Apr 2024	30	31	n/a	22
CDSTK-07 Median- CT Read by Radiology M minutes								
9196	Target	20	- Improved	A 2024	45	14	(-	26
History	Met	20	❖ Improved	Apr 2024	45	46	n/a	26
CDSTK-08 Median- Lab Results Posted M minutes								
91% 9%	Target	21	❖ Improved	A 2024	45	AE		24
History History	Met	21	₩ Impioved	Apr 2024	45	46	n/a	24
CDSTK-10 Median- Door to EKG Complete M minutes								
100%	Target	24	❖ Improved	Apr 2024	60	61	n/o	34
History History	Met	Δ+	V Improved	Apr 2024	00	01	n/a	J+
CDSTK-11 Median-Door to tPA Decision M minutes								1
91%	Target	22	▲ Deteriorated	A 2024	60	61	n/a	35
History	Met		4 Details	Арт 2024	UV .	01	III a	
CDSTK-12 Median-Door to tPA M minutes								
33% 9% 58%	Target							50
History	Undefined	n/a		Apr 2024	60	61	n/a	58

HEALING HERE AT HOME

Utilization Management

Indicator	Performance	Most Recent	Trend	Period	•		Δű	₹
MS-DRG Case Mix Index (CMI) M								
5096	Breaches		. T					4.22
History	Alarm	1.35	♠ Improved	Apr 2024	1.55	1.40	n/a	1.39
MS-DRG Case Mix Index (CMI) MEDICARE M								
3396 896 5996	Breaches	1.34	♠ Improved	A 2024	1.55	1.40	-/-	1.42
History	Alarm	1.54	4 miprovou	Apr 2024	1.33	1.40	n/a	1.43
1 Day Stay Rate Medi-Cal M								
100%	Target							
History	Met	0.00%	- No Change	Apr 2024	2.61%	5.00%	n/a	0.00%
		0/5						
1 Day Stay Rate-Medicare M								
100%	Target	0.00%	- No Change	. 2024	2.422/	40.000/		2.000/
History History	Met	0.00%	- No Change	Apr 2024	8.10%	10.00%	n⁄a	0.00%
Acute Care Risk-adjusted Average Length of Stay, O/E Ratio M								
91%	Tornat							
History History	Target Met	0.92 257/278.27	♠ Deteriorated	Apr 2024	0.99	1.00	n/a	0.92
		## * * * * * * * * * * * * * * * * * *						
Inpatients Risk-adjusted Average Length of Stay, O/E Ratio M								
91%	Target	0.92	♠ Deteriorated	Apr 2024	0.99	1.00	n/a	0.89
History History	Met	260/284.04		-				
Medicare Risk-adjusted Average Length of Stay, O/E Ratio M								
91%	Target	2.24	5					
History	Met	0.81 117/144.54	▲ Deteriorated	Apr 2024	0.99	1.00	n/a	0.87
4 · 6 · 6 · 4 · M · 7 · 4 · 60 · - D.E								
Acute Care - Geometric Mean Length of Stay M								
5896 4296	Bet.	3.17	❖ Improved	Apr 2024	2.75	3.23	n/a	3.44
History	Target & Alarm	41.2732/13						

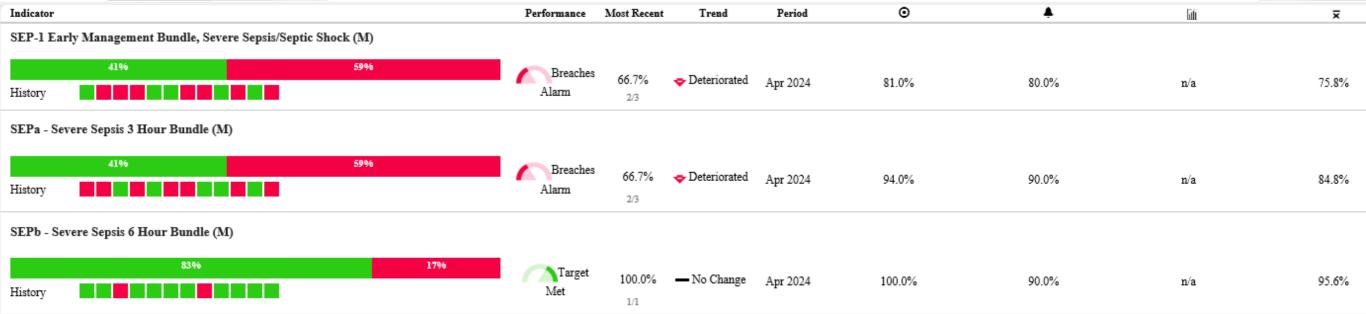


Core Measures

Indicator	Performance	Most Recent	Trend	Period	Θ		lidi	×
Core OP29/ASC9 - Colonoscopy:F/U for Avg Risk Pts (M)								
History History	Target Met	100.0% 9/9	- No Change	Apr 2024	88.0%	50.0%	n/a	100.0%
Indicator	Performance	Most Recent	Trend	Period	Θ	,	āŭ	₹
Core OP 18b Median Time ED Arrival to ED Departure - Reporting Measure (M)								
16% 9% 75% History	Breaches Alarm	s 157.00	❖ Improved	Apr 2024	132.00	140.00	n/a	149.75
Indicator	Performance	Most Recent	Trend	Period	0	À	lili	×
Core OP 22 ED LWBS Emergency Dept Left Without Being Seen (M)								
History History	Target Met	0.2% 2/805	▲ Deteriorated	Apr 2024	2.0%	2.5%	n/a	0.5%
Indicator	Performance	Most Recent	Trend	Period	Θ	A	ldli	×
Core OP-23 - Head CT/MRI Results for STK Pts w/in 45 Min of Arrival (M)								
50% 17% 33% History	Target Undefined	n/a		Apr 2024	72.0%	70.0%	n/a	80.0%



Core Measures Sepsis





Infection Prevention

Indicator	Performance	Most Recent	Trend	Period	0	A	ūli	×
IC-Surveillance HAI-C.DIFF Inpatient infections per 10k pt days M								
9196 996	Target		- No Change	. 2024			,	
History History	Met	0	- No Change	Apr 2024	1	1	n/a	0
IC-Surveillance HAI-CAUTI Inpatient infections per 10k patient days M								
9196 996	Target	0	- No Change	A 2024	1	1	n/a	0
History History	Met	U	— 110 Onlange	Apr 2024	1	1	wa	U
IC-Surveillance HAI-CLABSI Inpatient infections per $10k$ patient days M								
100%	Target	0	— No Change	A 2024	1	,	(-	٥
History History	Met	U	— Ivo Change	Apr 2024	1	1	n/a	0
IC-Surveillance HAI-MRSA Inpatient infections per 10k patient days M								
100%	Target		- No Change	1 2024			,	
History	Met	0	— No Change	Apr 2024	1	1	n/a	0
IC-Surveillance HAI-SSI infections per 10k pt days M								
9196 996	Target		- No Change				,	
History History	Met	0	— No Change	Apr 2024	1	1	n/a	0
QA-02 Hand Hygiene Practices Monitored M								
58% 17% 25%	Target	94%	- Deteriorated	. 2024	000/	050/	,	0.00
History History	Met	947e 47/50	Deteriorated	Apr 2024	90%	85%	n/a	86%



CIHQ Corrective Action Plan Monthly Compliance Condition Level Findings







	5	9

DATE	Obse F	1:1 ervation for ligh Risk atie	Percent
Apr 2024	4	5	80%
Mar 2024	8	9	89%
Feb 2024	9	11	82%
Jan 2024	6	6	100%
Dec 2023	5	8	62%
Nov 2023	4	4	100%
Oct 2023	3	6	50%
Sep 2023	2	6	33%
Aug 2023	2	4	50%
Jul 2023	1	5	20%
Jun 2023	2	6	33%
May 2023	1	9	11%



Patient Satisfaction

HCAHPS in separate report



Rate My Hospital Scale 1-5 April Data



91	Question Responses	÷	Average Score 💠	Score breakdown
Sonoma Valley Hospital / Inpatient Care	5		4.771 95% CI: Not enough samples	1 2 3 4 5

7	Question Responses 🔅	Average Score	Score breakdown
Sonoma Valley Hospital / Outpatient Surgery	32	4.833 95% CI: 4.780—4.886	1 2 3 4 5



Rate My Hospital Scale 1-5 April Data

÷	Question Responses	Average Score 🔅	Score breakdown
Sonoma Valley Hospital / Medical Imaging	219	4.868 95% CI: 4.840—4.895	1 2 3 4 5

\$	Question Responses	Average Score	Score breakdown
Sonoma Valley Hospital / Hand and Physical Therapy	161	4.891 95% CI: 4.861—4.922	1 2 3 4 5



Patient Satisfaction: HCAHPS Q1 2024 Inpatient

uestions	Top Box	n	STATE CA Score	All PG Database Score
Rate hospital 0-10	71.43	35	71.48	69.35
Recommend the hospital	71.43	35	72.45	68.55
Comm w/ Nurses Domain Performance	84.76	35	77.54	78.49
*Nurses treat with courtesy/respect	91.43	35	84.17	85.27
*Nurses listen carefully to you	82.86	35	74.85	75.99
*Nurses expl in way you understand	80.00	35	73.61	74.19
Response of Hosp Staff Domain Performance	77.16	32	61.87	62.51
*Call button help soon as wanted it	79.31	29	60.61	60.97
*Help toileting soon as you wanted	75.00	24	63.30	63.52
Comm w/ Doctors Domain Performance	84.65	35	78.53	78.89
*Doctors treat with courtesy/respect	88.24	34	83.66	85.03
*Doctors listen carefully to you	82.86	35	77.48	77.49
*Doctors expl in way you understand	82.86	35	74.46	74.16
Hospital Environment Domain Performance	72.31	35	62.42	64.92
*Cleanliness of hospital environment	82.86	35	72.74	71.40
*Quietness of hospital environment	61.76	34	52.08	58.39
Comm About Medicines Domain Performance	58.93	28	61.07	59.77
*Tell you what new medicine was for	75.00	28	73.59	73.56
*Staff describe medicine side effect	42.86	28	48.56	45.94
Discharge Information Domain Performance	89.00	33	86.95	86.22
*Staff talk about help when you left	90.91	33	85.11	84.57
*Info re symptoms/prob to look for	87.10	31	88.81	87.89
Care Transitions Domain Performance	50.99	35	52.75	51.78
*Hosp staff took pref into account	44.12	34	46.95	46.24
*Good understanding managing health	57.14	35	51.85	50.94
*Understood purpose of taking meds	51.72	29	59.47	58.10



Patient Satisfaction: OAS CAPS Q1 2024

Ambulatory Surgery

Questions	Тор Вох	n	All PG Database Score	State of California Score
*Facility rating 0-10	87.06	85	87.92	87.02
*Recommend the facility	86.90	84	85.23	84.90
*Communication Domain Performance	93.11	85	92.42	91.22
*Provided needed info re procedure	96.43	84	92.67	91.56
*Instructions good re preparation	96.34	82	94.45	93.43
*Procedure info easy to understand	96.47	85	93.98	93.09
*Anesthesia info easy to understand	95.06	81	94.59	93.28
*Anes side effect easy to understand	81.25	80	86.43	84.78
*Facility/Personal Trtment Domain Performance	96.05	85	97.07	96.32
*Check-in run smoothly	95.29	85	95.59	94.40
*Facility clean	97.65	85	97.88	97.37
*Clerks and receptionists helpful	94.12	85	96.27	95.29
*Clerks and reception courteous	96.47	85	97.62	96.90
*Staff treat w/ courtesy, respect	98.82	85	98.11	97.65
*Staff ensure you were comfortable	93.98	83	96.96	96.31
*Discharge Domain Performance	97.13	85	96.88	96.22
*Written discharge instructions	94.94	79	97.71	97.57
*Instructions regarding recovery	93.98	83	87.98	85.67
*Information re subsequent pain	97.26	73	98.51	98.12
*Information re subsequent nausea	98.25	57	98.53	98.08
*Information re subsequent bleeding	100.00	62	99.01	98.50
*Info on response to infection	98.33	60	99.54	99.38
Nurses Overall	(89.75)	83	89.09	87.52
Nurses concern for comfort	87.50	80	89.60	87.94
Info nurses gave to prep for proc	90.36	83	88.53	86.89
Nurses response concerns/questions	91.36	81	89.16	87.59
Care Provider Overall	84.69	82	84.34	80.91
CP explanation about proc	85.19	81	84.98	81.67
Info CP shared re how proc went	82.72	81	83.27	78.50
CP response to concerns/questions	87.18	78	86.89	84.12
CP expln why proc important	83.75	80	82.26	79.34
Staff worked together care for you	90.36	83	90.24	88.64



Listing of currently pending and/or upcoming document tasks grouped by committee.

Sonoma Valley Hospital

Run by: Reese, Whitney (wreese) Run date: 05/17/2024 11:05 AM

Report Parameters

Filtered by: Document Set: - All Available Document Sets -

Committee: 07 BOD-Quality (P&P Review)

Include Current Tasks: Yes Include Upcoming Tasks: No

Grouped by: Committee

Sorted by: Document Title

Report Statistics

Total Documents: 20

Committee: 07 BOD-Quality (P&P Review)

Committee Members: Finn, Stacey (sfinn), Newman, Cindi (cnewman), Reese, Whitney (wreese)

Current Approval Tasks (due now)

 Document
 Task/Status
 Pending Since
 Days Pending

 Accountability & Responsibility in Case Management
 Pending Approval
 5/16/2024
 1

 Case Management/UM Dept

cuse management, om bept

Summary Of Changes: Reviewed. Changed Chief Quality Officer to Director of Quality. No other changes made.

Moderators: Newman, Cindi (cnewman)
Lead Authors: Cooper, Kylie (kcooper)

Approvers: Kidd, Sabrina (skidd) -> 01 P&P Committee - (Committee) -> 04 MS-Performance Improvement/Pharmacy & Therapeutics

Committee - (Committee) -> 05 MS-Medical Executive - (Committee) -> 07 BOD-Quality (P&P Review) - (Committee) -> 09

BOD-Board of Directors - (Committee)

Department Specific Performance Improvement (PI) Plan Pending Approval 4/25/2024 22

Quality Assessment & Perfomance Imp. Policies (QA)

Summary Of Changes: Reviewed. Removed reference to Annual PI Fair which no longer occurs. Updated staff titles.

Moderators: Newman, Cindi (cnewman)
Lead Authors: Cooper, Kylie (kcooper)

ExpertReviewers: 00 Clinical P&P multidisciplinary review

Approvers: Kidd, Sabrina (skidd) -> 01 P&P Committee - (Committee) -> 04 MS-Performance Improvement/Pharmacy & Therapeutics

Committee - (Committee) -> 07 BOD-Quality (P&P Review) - (Committee) -> 09 BOD-Board of Directors - (Committee)

Discharge Planning Pending Approval 5/16/2024 1

Discharge Planning (DP)

Summary Of Changes: Added information regarding Patient Choice form for selecting a SNF or Home Health Agency and documentation within the

medical record

Moderators: Newman, Cindi (cnewman)
Lead Authors: Cooper, Kylie (kcooper)

Approvers: Winkler, Jessica (jwinkler), 00 Clinical P&P multidisciplinary review - (Committee) -> 01 P&P Committee - (Committee) -> 02

MS-Medicine Department - (Committee) -> 03 MS-Surgery Department - (Committee) -> 05 MS-Medical Executive -

(Committee) -> 07 BOD-Quality (P&P Review) - (Committee) -> 09 BOD-Board of Directors - (Committee)

Flexible Endoscopes-Reprocessing Pending Approval 5/16/2024 1

Central Sterile Dept

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Sonoma Valley Hospital

Run by: Reese, Whitney (wreese) Run date: 05/17/2024 11:05 AM

Listing of currently pending and/or upcoming document tasks grouped by committee.

Summary Of Changes: Per CIHQ include reprocessing of Bronchoscopes only prior to use on an as needed basis.

Removed from flexible endoscope reprocessing cleaning "every 7-14 days".

added clean "prior to use". Per manufacturers recommendations.

Moderators: Newman, Cindi (cnewman)
Lead Authors: Cornell, Kelli (kcornell)

Approvers: Winkler, Jessica (jwinkler) -> 01 P&P Committee - (Committee) -> 03 MS-Surgery Department - (Committee) -> 05 MS-

Medical Executive - (Committee) -> 07 BOD-Quality (P&P Review) - (Committee) -> 09 BOD-Board of Directors - (Committee)

Instrument, Cleaning and Processing of

Pending Approval

5/16/2024

1

Central Sterile Dept

Summary Of Changes: Removed any reference to Cidex/Cidex OPA- which is no longer used in surgery department. Updated reference, owner,

authors. Under "Procedure", #7- removed the words "pipe cleaner" as we do not use those. Added line number 5, that states "Prior to decontamination the instruments should be sprayed with approved moisture agent to keep the gross soil moist for easier manual cleaning." Removed procedure line 13 as it unnecessarily singles out laryngeal blade cleaning

(including soaking in Cidex OPA), but the entire policy describes such cleaning processes.

Moderators: Newman, Cindi (cnewman)
Lead Authors: Cornell, Kelli (kcornell)

Approvers: Winkler, Jessica (jwinkler) -> 01 P&P Committee - (Committee) -> 03 MS-Surgery Department - (Committee) -> 05 MS-

Medical Executive - (Committee) -> 07 BOD-Quality (P&P Review) - (Committee) -> 09 BOD-Board of Directors - (Committee)

NEW: Fire Safety - MRI 7630.24-147 Pending Approval 5/16/2024 1

Diagnostic Services Dept Policies

Summary Of Changes: Replaces old version with much more detailed information

Updated Purpose to emphasize that the "Magnet is always on".

Added Definitions for MR Zones and MR safe/conditional/unsafe objects.

Updated procedure section with current guidelines from the American College of Radiology and MRI Safety website.

Updated References.

Moderators: Newman, Cindi (cnewman)
Lead Authors: Young, Dave (dyoung)

ExpertReviewers: Medical Director-Diagnostic Radiology, Tarca, Joseph (jtarca)

Approvers: Kuwahara, Dawn (dkuwahara) -> 01 P&P Committee - (Committee) -> 03 MS-Surgery Department - (Committee) -> 05 MS-

Medical Executive - (Committee) -> 07 BOD-Quality (P&P Review) - (Committee) -> 09 BOD-Board of Directors - (Committee)

NEW: MRI Safety and Pregnancy Pending Approval 5/16/2024 1

Radiology Services Policies (RD)

Summary Of Changes: New policy--Guidance and information for performing MRI on pregnant patients.

WHY:

Medical Imaging using ionizing radiation should be avoided on pregnant patients, particularly in the 1st trimester. In some cases, MRI is an option that is accepted as safer for a developing fetus. Patients should be informed and consented for these

 $procedures\ which\ are\ performed\ under\ specific\ guidelines.$

Moderators: Newman, Cindi (cnewman)
Lead Authors: Young, Dave (dyoung)

ExpertReviewers: Medical Director-Diagnostic Radiology

Approvers: Kuwahara, Dawn (dkuwahara) -> 01 P&P Committee - (Committee) -> 03 MS-Surgery Department - (Committee) -> 05 MS-

Medical Executive - (Committee) -> 07 BOD-Quality (P&P Review) - (Committee) -> 09 BOD-Board of Directors - (Committee)

Patient Resuscitation Code Status Pending Approval 5/16/2024 1

Targeted Quality & Safety Initiatives Policies (QS)

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Sonoma Valley Hospital

Run by: Reese, Whitney (wreese) Run date: 05/17/2024 11:05 AM

1

Listing of currently pending and/or upcoming document tasks grouped by committee.

Summary Of Changes: Updated code status categories to match options available in EPIC.

Moderators: Newman, Cindi (cnewman)
Lead Authors: Kidd, Sabrina (skidd)

ExpertReviewers: Cooper, Kylie (kcooper), Winkler, Jessica (jwinkler)

Approvers: 01 P&P Committee -> 02 MS-Medicine Department - (Committee) -> 03 MS-Surgery Department - (Committee) -> 05 MS-

Medical Executive - (Committee) -> 07 BOD-Quality (P&P Review) - (Committee) -> 09 BOD-Board of Directors - (Committee)

Patient Safety Evaluation System Pending Approval 5/16/2024

Quality Assessment & Perfomance Imp. Policies (QA)

Summary Of Changes: Reviewed, no changes

Moderators: Newman, Cindi (cnewman)
Lead Authors: Cooper, Kylie (kcooper)
ExpertReviewers: Newman, Cindi (cnewman)

Approvers: Kidd, Sabrina (skidd) -> 01 P&P Committee - (Committee) -> 02 MS-Medicine Department - (Committee) -> 03 MS-Surgery

Department - (Committee) -> 05 MS-Medical Executive - (Committee) -> 07 BOD-Quality (P&P Review) - (Committee) -> 09

BOD-Board of Directors - (Committee)

Patient TransportPending Approval5/16/20241

Diagnostic Services Dept Policies

Summary Of Changes: Revised title to reflect policy is for all Diagnostic Services department.

Added purpose,

Added definitions for MR Zones and MR safe objects.

Added procedures specific for patients being transported to MRI.

Moderators: Newman, Cindi (cnewman)
Lead Authors: Young, Dave (dyoung)

ExpertReviewers: Medical Director-Diagnostic Radiology

Approvers: Kuwahara, Dawn (dkuwahara) -> 01 P&P Committee - (Committee) -> 03 MS-Surgery Department - (Committee) -> 05 MS-

Medical Executive - (Committee) -> 07 BOD-Quality (P&P Review) - (Committee) -> 09 BOD-Board of Directors - (Committee)

Performance Improvement Plan Pending Approval 4/25/2024 22

Quality Assessment & Perfomance Imp. Policies (QA)

Summary Of Changes: Reviewed, no changes

Moderators: Newman, Cindi (cnewman)

Lead Authors: Cooper, Kylie (kcooper)

ExpertReviewers: 00 Clinical P&P multidisciplinary review, Newman, Cindi (cnewman)

Approvers: Kidd, Sabrina (skidd) -> 01 P&P Committee - (Committee) -> 04 MS-Performance Improvement/Pharmacy & Therapeutics

Committee - (Committee) -> 07 BOD-Quality (P&P Review) - (Committee) -> 09 BOD-Board of Directors - (Committee)

Protective and Advocacy Services Pending Approval 5/16/2024 1

Case Management/UM Dept

Summary Of Changes: Changed "the social worker will work with patient, judicial agency and healthcare team in identifying the specific needs of

the patient" to "the social worker, or member of the case management team, will work with patient, judicial agency and

healthcare team in identifying the specific needs of the patient".

No other changes made. References up to date.

Moderators: Newman, Cindi (cnewman)
Lead Authors: Cooper, Kylie (kcooper)

Approvers: Kidd, Sabrina (skidd) -> 01 P&P Committee - (Committee) -> 02 MS-Medicine Department - (Committee) -> 05 MS-Medical

Executive - (Committee) -> 07 BOD-Quality (P&P Review) - (Committee) -> 09 BOD-Board of Directors - (Committee)

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Sonoma Valley Hospital

Listing of currently pending and/or upcoming document tasks grouped by committee.

Run by: Reese, Whitney (wreese) Run date: 05/17/2024 11:05 AM

Resources Available for Managing the Labor and Delivery Patient in the ED 7010-22 Emergency Dept

Pending Approval

5/16/2024

1

Summary Of Changes:

s: Removed call the OB/GYN for consultation as we no longer have OB in house

Updated transfer facilities and phone numbers

Updated the statement "ED physician shall assess the patient for safe transfer" to "the ED physician shall assess the patient for stabilization up to the capabilities of the hospital and if needed a safe transfer within the EMTALA guidelines" to meet

EMTALA compliance

Moderators: Newman, Cindi (cnewman)

Lead Authors: Winkler, Jessica (jwinkler), MANAGER, ED (edmanager)

Approvers: 00 Clinical P&P multidisciplinary review -> 01 P&P Committee - (Committee) -> 02 MS-Medicine Department - (Committee) -

> 05 MS-Medical Executive - (Committee) -> 07 BOD-Quality (P&P Review) - (Committee) -> 09 BOD-Board of Directors -

(Committee)

RETIRE 24 Hour Cardiac Monitor Scanning

Pending Approval

5/16/2024

1

Cardio Dept

Summary Of Changes: Retire Policy

We don't perform these tests.

Moderators: Newman, Cindi (cnewman)
Lead Authors: Young, Dave (dyoung)

Approvers: Kuwahara, Dawn (dkuwahara) -> 01 P&P Committee - (Committee) -> 02 MS-Medicine Department - (Committee) -> 05 MS-

Medical Executive - (Committee) -> 07 BOD-Quality (P&P Review) - (Committee) -> 09 BOD-Board of Directors - (Committee)

Retire Cardiac Exercise Test (Treadmill)

Pending Approval

5/16/2024

1

Cardio Dept

Approvers:

Summary Of Changes: Retire Policy

This is an procedure, not a policy.

Moderators: Newman, Cindi (cnewman)
Lead Authors: Young, Dave (dyoung)

Kuwahara, Dawn (dkuwahara) -> 01 P&P Committee - (Committee) -> 02 MS-Medicine Department - (Committee) -> 05 MS-

Medical Executive - (Committee) -> 07 BOD-Quality (P&P Review) - (Committee) -> 09 BOD-Board of Directors - (Committee)

Routine Department Disinfection Procedure 7630-229

Pending Approval

5/16/2024

1

Diagnostic Services Dept Policies

Summary Of Changes: Updated title to reflect policy is for all Diagnostic Services areas.

Added details to Procedure for specifics about cleaning and waste removal for MRI. Added reference to the hospital's terminal clean policy for isolation patients.

Moderators: Newman, Cindi (cnewman)
Lead Authors: Young, Dave (dyoung)

ExpertReviewers: Medical Director-Diagnostic Radiology

Approvers: Kuwahara, Dawn (dkuwahara) -> 01 P&P Committee - (Committee) -> 03 MS-Surgery Department - (Committee) -> 05 MS-

Medical Executive - (Committee) -> 07 BOD-Quality (P&P Review) - (Committee) -> 09 BOD-Board of Directors - (Committee)

Scheduling of Staff Nursing

Pending Approval

5/16/2024

1

Nursing Services Policies (NS)

Summary Of Changes:

Added language that the nurse manager "or their designee" will create the schedule; added that scheduling requests should be submitted three weeks prior to start of schedule; added reference to HR policy on PTO; removed language about the "S Drive" and changed it to the "Sharepoint site"; removed reference to employees making change requests via a paper form on on the obsolete scheduling tab on the intranet and instead added that this should be done via email. Removed language

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Sonoma Valley Hospital

1

Run by: Reese, Whitney (wreese)
Listing of currently pending and/or upcoming document tasks grouped by committee.

Run date: 05/17/2024 11:05 AM

that open shifts will be posted; Added CIHQ reference.

Moderators: Newman, Cindi (cnewman)
Lead Authors: Winkler, Jessica (jwinkler)

Approvers: 00 Clinical P&P multidisciplinary review -> 01 P&P Committee - (Committee) -> 02 MS-Medicine Department - (Committee) -

> 05 MS-Medical Executive - (Committee) -> 07 BOD-Quality (P&P Review) - (Committee) -> 09 BOD-Board of Directors -

(Committee)

Storage of Food for Patients Brought in from Non-Facility Source Pending Approval 5/16/2024

Food (Nutrition) Services Policies (NU)

Summary Of Changes: Reviewed, no changes.

Moderators: Newman, Cindi (cnewman)
Lead Authors: Taylor, Jane (jtaylor)

ExpertReviewers: Finn, Bridget (bfinn), Tremain, Alesha (atremain)

Approvers: Winkler, Jessica (jwinkler) -> 01 P&P Committee - (Committee) -> 02 MS-Medicine Department - (Committee) -> 05 MS-

Medical Executive - (Committee) -> 07 BOD-Quality (P&P Review) - (Committee) -> 09 BOD-Board of Directors - (Committee)

Telephone Advice PC7010-05 Pending Approval 5/16/2024 1

Emergency Dept

Summary Of Changes: Added language from the American College of Emergency Physicians (ACEP) on why it is not advisable to provide medical

advice over the phone; clarified that the SVH policy is not to give medical advice over the phone; clarified that such calls must be given to a licensed practitioner (ie. MD or RN) to assess the nature of the call; clarified that callers should see PCP

for simple, non-urgent issues or call 911 for urgent concerns. Added ACEP reference.

Moderators: Newman, Cindi (cnewman)

Lead Authors: Winkler, Jessica (jwinkler), MANAGER, ED (edmanager)

Approvers: 00 Clinical P&P multidisciplinary review -> 01 P&P Committee - (Committee) -> 02 MS-Medicine Department - (Committee) -

> 05 MS-Medical Executive - (Committee) -> 07 BOD-Quality (P&P Review) - (Committee) -> 09 BOD-Board of Directors -

(Committee)

Weekend Coverage Pending Approval 5/16/2024 1

Nursing Services Policies (NS)

Summary Of Changes: One spelling correction. Removed reference to mandated staffing ratio as that is implied- this policy outlines weekend and

holiday commitment from staff on patient care units

Moderators: Newman, Cindi (cnewman)
Lead Authors: Winkler, Jessica (jwinkler)

Approvers: 00 Clinical P&P multidisciplinary review -> 01 P&P Committee - (Committee) -> 02 MS-Medicine Department - (Committee) -

> 05 MS-Medical Executive - (Committee) -> 07 BOD-Quality (P&P Review) - (Committee) -> 09 BOD-Board of Directors -

(Committee)

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PURPOSE:

To provide guidelines and direction for safe and effective action in the event of fire

PROCEDURE:

- In the event of fire on the unit, practice R-A-C-E (Rescue-Alarm-Contain-Evacuate or Extinguish). The first priority is the safe evacuation of the patient and other personnel.
 - Close the door between the patient scan room and the fire.
 - Remove the patient from the unit, by the most direct safe route.
 - Take the patient to a safe area.
- Second priority is to sound the alarm to initiate the proper fire fighting safety procedures.
- Third priority is to contain or extinguish the fire, if possible. DO NOT allow yourself to be endangered in an attempt to extinguish the fire.
- Finally, return to the area of the unit to offer information about the equipment (magnetic fringe field, cryogens, etc.) as needed by the fire fighting professionals.
- Proper use of on-board fire extinguishers includes the following:
 - Determine if the fire can be fought using fire extinguishers without endangering personal safety.
 - The fire extinguishers in the MRI units are of the Halon or dry chemical type and can be used for Class A, B and C fires.
 - To operate the fire extinguisher, remove it from the quick-release bracket, hold it upright in either hand by the handgrip, with the spray nozzle pointing forward. Slide the red safety catch down with the thumb, direct the nozzle towards the base of the fire source, squeeze the lever with the palm of the hand.

- When you squeeze the lever, an indicator disc will fall off from the rear of the operating head of the extinguisher and the extinguisher is released in a wide flat pattern.
- Maximum extinguishing effect is obtained if the fire-fighter keeps moving towards the base of the fire source as it is extinguished.
- All extinguishers are to be inspected periodically and all certifications shall be kept current. Any extinguisher which has been wholly or partially discharged shall be recharged and re-certified or shall be replaced.

OWNER:

Director of Ancillary Services

AUTHORS/REVIEWERS:

Sonya Todorova, Medical Imaging Manager Adam Nevitt, MD, Radiology Medical Director

APPROVALS:

Policy & Procedure Team: 7/17/18 Surgery Committee: 9/13/18

Medical Executive Committee: 9/20/18 Board Quality Committee: 9/26/18 The Board of Directors: 11/1/18

NEW POLICY

Guidance and information for performing MRI on pregnant patients.

WHY:

Medical Imaging using ionizing radiation should be avoided on pregnant patients, particularly in the 1st trimester. In some cases, MRI is an option that is accepted as safer for a developing fetus. Patients should be informed and consented for these procedures which are performed under specific guidelines.

OWNER:

Chief Ancillary Officer

AUTHORS/REVIEWERS:

Chief Ancillary Officer
Director of Diagnostic Services
Medical Director of Diagnostic Services
Board Quality Committee

PURPOSE:

To provide information and clarification for performing MRI imaging on pregnant patients.

POLICY:

Pregnant patients can undergo MRI scans at any stage of pregnancy if, in the judgement of the attending radiologist and/or the referring physician, the risk-benefit ratio to the patient warrants that the study be performed.

- 1. Pregnant patients undergoing MRI will require written informed consent to document that they understand the potential risks/benefits of the MRI procedure, know the available alternatives and that they wish to proceed with MRI.
- 2. Gadolinium-based contrast agents should not be routinely given to pregnant patients. A risk-benefit assessment should be discussed between the patient, the attending radiologist and the referring physician. The radiologist will give final approval and dosage for any gadolinium administration.

Females of reproductive age will be screened for pregnancy before permitting them access to MR imaging Zones 3 and 4.

PROCEDURE:

SCREENING AND CONSENT OF PREGNANT MRI PATIENTS

To date, there has been no indication that the use of clinical MR imaging during pregnancy has produced any adverse effects on the fetus. Pregnant patients can be accepted to undergo an MR exam at any stage of pregnancy if it is determined by the referring clinician and/or attending radiologist that the risk – benefit ratio warrants that the study be performed.

- 1. The referring physician will screen the patient for pregnancy and obtain informed written consent.
 - a. The patient must provide written informed consent to document that they understand the risks/benefits of the MR procedure to be performed, the alternative diagnostic options available to them (if any), and that they wish to proceed.
 - b. The signed informed consent will be given to the MRI Technologist and scanned into the EMR and PACS.

- 2. MRI Technologist is to scan pregnant patient in NORMAL operating mode for no more than 30 minutes at 3T or less unless directed differently by the radiologist.
- 3. MR contrast should not be routinely administered to pregnant patients. The radiologist will determine if contrast will be given and what dose to administer.

REFERENCES:

MRI Guidance Document on MRI Safe Practices (draft): 2023 Center for Improvement in Healthcare Quality, Standard RD-1

OWNER:

Chief Ancillary Officer

AUTHORS/REVIEWERS:

Chief Ancillary Officer
Director of Diagnostic Services
Medical Director of Diagnostic Services
Board Quality Committee

APPROVALS:

Policy & Procedure Team: Surgery Committee: Medical Executive Committee: The Board of Directors:

^{**} The preponderance of research studies has failed to demonstrate any reproducible harmful effects of exposure of the mother or developing fetus to the 3T or weaker magnetic fields used in routine clinical MR practice. Theoretical concerns include time-varying gradient and RF magnetic fields, potential acoustically related safety issues, and heat deposition in tissue, respectively. There is not much peer-reviewed literature regarding the acoustic safety of fetal scanning, but the majority of published material on this topic has failed to find deleterious effects on newborn hearing if exposed to MRI in utero. The thermally related theoretical concerns are mitigated by results from experiments in pregnant pigs exposed to standard MR sequences commonly used in clinical practice that are associated with relatively high specific absorption rate (SAR) levels (i.e., half-Fourier single-shot spin echo). Such studies failed to demonstrate substantial heating in fetal tissues or amniotic fluid when imaging at 3T with normal-operating-mode SAR levels and a maximum scan time of 30 minutes. Therefore, 3T MR examinations performed within Normal Operating Mode should be considered safe in pregnant patients. At this point, the safety of imaging pregnant patients at field strengths greater than 3T (i.e., 7T) is unclear.