

DACUM Research Chart for Operating Room Circulating Nurse

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DACUM Research Chart for Operating Room Circulating Nurse

The operating room circulating registered nurse is the member of the peri-operative team who serves as a patient advocate by assessing, planning, implementing, and evaluation care of the surgical patient during the intra-operative period to optimize peri-operative outcomes.

Duties		Tasks			
A	Prepare/Open Operating Room Suite	A-1 Review surgery schedule	A-2 Inspect room cleanliness	A-3 Inventory basic O.R. room equipment	A-4 Pretest equipment for functionality
		A-5 Obtain proper instrumentation supplies according to preference card	A-6 Ensure inventory of stock	A-7 Inspect the integrity of all sterile supplies	A-8 Monitor sterile technique during set up of sterile field
		A-9 Set up invasive lines	A-10 Perform initial count of equipment/supplies		
B	Obtain Specialty Equipment By Preference Card	B-1 Verify laminar flow is turned on	B-2 Prepare operating room table	B-3 Select/prepare video carts	B-4 Prepare sequential compression devices
		B-5 Prepare laser equipment	B-6 Prepare positional devices	B-7 Prepare microscopes	B-8 Prepare smoke evacuator
		B-9 Prepare suction device (e.g., Cav Ultrasound Suction equipment, Berkeley Suction)	B-10 Prepare warming devices	B-11 Prepare orthopedic equipment	B-12 Prepare auto transfusion
		B-13 Prepare power equipment			
		C-1 Identify the patient	C-2 Review the medical record	C-3 Validate the pre-op checklist	C-4 Review the patient physical/psychosocial assessment
C	Complete the Patient Pre-Op Assessment	C-5 Interview the patient	C-6 Reinforce patient education	C-7 Verify the surgical site	C-8 Report abnormal findings to surgeon and anesthesiologist
		C-9 Verify presence of surgical team			

D	Prepare Patient for Surgical Procedure	D-1 Admit patient to operating room suite	D-2 Apply monitor devices	D-3 Provide psycho-social support prior to induction	D-4 Assist with induction of anesthesia
		D-5 Position the patient for the procedure	D-6 Prep the surgical site	D-7 Assist with sterile gowning	D-8 Assist with sterile draping
		D-9 Apply additional devices to patient per procedure	D-10 Connect all equipment	D-11 Confirm consent with surgical team prior to incision	
E	Supervise Intra-operative Care	E-1 Supervise labeling of solutions and medications on sterile field	E-2 Monitor need for additional sterile supplies	E-3 Monitor safe use of equipment (e.g., fire safety)	E-4 Manage handling of specimens
		E-5 Perform all required counts	E-6 Monitor for potential hazards	E-7 Maintain environmental controls, including traffic	E-8 Monitor and document additional procedures not consented
		E-9 Troubleshoot equipment	E-10 Communicate patient progress to family/significant other	E-11 Report progress of case to front control desk	E-12 Monitor activities of non-hospital personnel
		E-13 Ensure sterility of instruments and equipment			
F	Provide Support to the Anesthesia Provider	F-1 Provide additional medications, supplies, and equipment	F-2 Assist with additional procedures (e.g., spinal, blood draws)	F-3 Respond to emergency situations	F-4 Verify blood products with provider
		F-5 Monitor blood loss/urine output	F-6 Provide point of care testing (e.g., glucose, H&H)	F-7 Assist with extubation	F-8 Assist with transport of patient from the operating room
G	Prepare Patient for Discharge	G-1 Assist with application of sterile dressing	G-2 Assist with casting/splinting surgical site	G-3 Assist with removal of surgical drapes, supplies	G-4 Evaluate patient outcomes (e.g. skin integrity related to pressure and devices)
		G-5 Discharge from operating room	G-6 Provide report to receiving unit		
H	Complete Required Peri-Operative Documentation	H-1 Complete pre-operative documentation	H-2 Complete intra-operative documentation	H-3 Validate use of chargeable supplies	H-4 Complete documentation for implants/explants
		H-5 Complete flash sterilization log requirements	H-6 Update preference cards	H-7 Report unusual occurrences	
I	Supervise Room Turnover	I-1 Remove equipment and supplies from previous case	I-2 Remove contaminated supplies and bio-hazardous waste	I-3 Facilitate room clean up by ancillary personnel	I-4 Inspect room readiness for next case

J

Monitor Patients Receiving Moderate Sedation/ Analgesic

J-1 Review medical record pre-operatively	J-2 Assess patient vital signs and airway	J-3 Administer I.V. sedation medication	J-4 Monitor response to sedation & adverse reactions
J-5 Monitor level of pain	J-6 Complete conscience sedation monitoring documentation		

K

Maintain Professional Responsibility

K-1 Maintain professional competencies	K-2 Serve as a preceptor	K-3 Serve as a mentor	K-4 Provide inservice to staff
K-5 Facilitate student rotation & experience in operating room	K-6 Ensure cost containment	K-7 Monitor product quality	

Future Trends and Concerns

- Aging of the OR nurse population
- Aging population
- Alternative sites for surgical services
- Bio terrorism
- Brushless/scrubless scrub
- Changing/expanded roles
- Complex technology
- Computer technology
- Cost containment
- Cross training
- Declining employee benefits
- Environmental awareness
- Health care reform
- Increased outpatient surgery
- Legislation related to healthcare
- Less loyalty to institution
- Managed care
- Medical/ethical issues
- Minimally Invasive procedures
- Multi drug resistant - organisms
- National certification
- Opportunities for professional growth
- Rapidly changing advanced technology
- Recycling of products by manufacturing

- Reduced reimbursement
- Robotics
- Sharing manpower resources
- Shortage of health care professionals
- Social/health issues
- Staffing ratios of RN
- Violence in the workplace

General Knowledge and Skills

- Ability to translate complex issues into layman's terms
- Age-specific competencies
- Analytic skills
- Anatomy & physiology
- Aseptic practices
- Basic math - metric system/conversion
- Body mechanics
- Chain of command
- Communication skills
- Communication verbal/written
- Computer skills
- Confidentiality
- Conflict management
- CPR
- Cultural awareness
- Decision making skills
- Electrical safety
- Emergency codes
- Employee rights
- English
- Equipment operation
- Ethics
- Fire safety

- Hazardous materials
- Hospital departmental P&P
- Infection control
- Interpersonal skills
- Interpret medical safety data sheet (MSDS)
- Knowledge of current trends and developments in the area of practice
- Knowledge of lab values
- Knowledge of medical records
- Knowledge of professional organizations

- Knowledge of unit-specific equipment
- Laser safety
- Leadership qualities
- Legal responsibilities/issues
- Listening skills
- Mechanical skills
- Medical terminology
- Microbiology
- Negotiation skills
- Nursing process
- Organizational skills
- Pathology of diseases
- Patient rights
- Pharmacology
- Physics
- Policies and procedures
- Prioritization of work
- Problem solving skills
- Professional behavior
- Professional State & Fed. Regulations - OSHA, CMS, DHS, AORN, APIC, AMMI

- Standard precautions
- Sterilization methods
- Stress management skills
- Surgical conscience
- Surgical instrumentation
- Surgical positions
- Teaching skills
- Time management
- Tissue banking

Tools, Equipment, Supplies and Materials

- "free"
- 2 x 2's
- 4 x 4
- 4 x 4's
- ABD Bio-adhesive Cast dressing
- Absorbable
- Air filtration systems
- All specialities
- Andrews table
- Anesthesia machine/monitors
- Antibiotics
- Anti-coagulants
- Antiseptics

- Argon
- Arthroscopic supplies
- Auto-transfusion devices
- Beepers
- BIS monitor
- blunt
- Bone bank
- Brain lab
- C.U.S.A.
- Candella
- Carbon dioxide
- Catheter/drains
- Central venous
- C-frame
- Chest
- cholangiograph
- clamps
- Collection bag/devices
- Compressed gases and regulators
- Coronary bypass pump
- Cottonoids
- Crash Cart
- Cryo Units
- cutting
- Defibrillator - pacemaker
- Dental rolls
- Disinfectants
- dissectors/elevators
- Doppler
- Drapes & packs
- Dressings
- Drugs & solutions
- Dyes
- EKG
- Electro surgical units & related patient safety
- Embolectomy
- Emulsifier
- End Tital CO2 monitor
- endoscopes
- External fixators
- Eye pad
- Eye sponges
- Foley
- forceps
- fracture table
- Gamma knife
- Gauze
- Gloves
- Gowns
- graspers
- Harmonic scalpel
- Headlights
- Hemostatic agents
- Holmium
- Hypo/hyper thermia units
- Implants
- Indigo
- Insufflators

Tools, Equipment, Supplies and Materials

- Irrigation solutions
- Irrigation/pumps
- Isolettes
- K.T.P./Yag
- Kitner
- Laminar equipment and headgear
- Laps
- Lasers
- Latex allergy precautions and related safety
- Ligating clips
- Light sources
- Lights
- Liquid dressings
- Lithotriptors
- Local anesthetics
- Loupes
- Malignant hyperthermia cart
- Masks
- Microscopes
- Myringotomy
- Naso-gastric
- Needleholders
- Needles
- Non-absorbable
- Non-adhesive
- O.R. furniture
- Packing
- Penrose
- Peri-pad
- Phaco machine
- Pop offs
- Positioning equipment
- Power equipment
- Probes/dialators
- Pulse oxymetry
- Radioactive materials
- Retractors
- Reverse cutting
- Robinson
- Sentinel node monitor
- Shoulder chair
- Smoke Evacuators
- Specialty trays
- Sponges
- Spotlights
- Staples
- Stents
- Stereotactic equipment
- Sterilizers
- Steri-strips
- Steroids
- Suction equipment
- Suction tips
- Surgical instruments
- Sutures
- Swabs

- Taper
- Tapes
- Tonsil sponges
- Topical ointments
- Tourniquets
- Trach tube, drains, suction, etc.
- Trocar
- T-tube
- Tubes
- Ultrasound
- Urethral
- Urethral myringotomy
- Vascular cath
- Vascular grafts
- Vasodilator/constrictors
- Ventricular cath
- Video/cameras, recorders, printers, monitors
- Warming lights
- Wound drain
- X-Ray, fluoroscopy

Worker Behaviors

- Desire to learn
- Flexible
- Intuitive
- Manual dexterity
- Mechanically inclined
- Multi tasking
- Organized
- Patience
- Patient advocate
- Personal appearance
- Personal hygiene
- Punctual
- Receptive
- Reliable
- Respectful
- Responsible
- Role model
- Self directed
- Sense of humor
- Stamina
- Tactful
- Team player

