



Elsevier Clinical Skills

Empowering Knowledge™.
Enabling Action.

Michelle Marchant
Health System Consultant
Elsevier Clinical Solutions, Canada
m.marchant@elsevier.com
514.226.8791



Empowering nurses to provide safer, standardized patient care through a

consistent source of

evidence-based clinical content and tools.

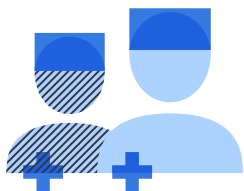
Learning & competency management

Point-of-care



Elsevier Clinical eLearning

Promote professional development and practice improvement with evidence-based learning.



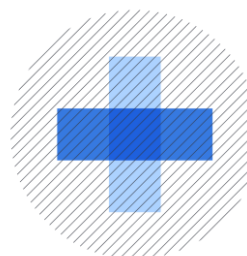
Transition to Practice

Learner-centric simulations will immerse new nurses in real-life scenarios that help practice decision making, build professional skillsets and self-reflect.



Elsevier ClinicalKey

Clinical search engine that makes it easier to find and apply relevant, evidence-based knowledge.



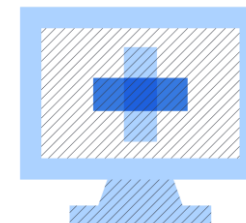
Elsevier Clinical Skills

Manage competency and provide consistent care among nurses, therapists, and health professionals.



Elsevier Patient Education

Educate and engage patients with consistent evidence-based patient education.



Elsevier Care Planning

Coordinate care throughout the continuum with one patient-centered longitudinal plan of care.



Quality Solutions for Quality Outcomes: Helping Reduce Unwarranted Care Variability

Elsevier Clinical Skills *(formerly Mosby's Skills)*

Combines comprehensive, evidence-based skills and procedures with online competency management

2000+ unique
skills and
procedures

Exclusive
Partnerships
with top
Professional
Associations

Integrates
with EHR &
LMS platform

5 Benefits of Elsevier Clinical Skills

1

Promote consistent, standardized care



- Leverage the latest, evidence-based, trusted content across the organization
- Decrease practice errors
- Reduce risk and improve patient outcomes

2

Drive adoption of evidence-based practice



- Integrate evidence into practice
- Utilize procedures based on current clinical evidence
- Improve care quality

3

Achieve regulatory and compliance goals



- Strengthen alignment with Joint Commission safety goals and competency requirements
- Facilitate access to skills and procedures across the organization
- Create detailed reports that document and track competency

4

Realize operational efficiencies



- Decrease time spent retrieving information
- Improve onboarding speed and quality
- Decrease administrative overhead

5

Develop top clinical talent



- Provide resources that improve clinician satisfaction
- Empower clinicians to achieve clinical excellence
- Provide leadership with tools to assess and foster 'top talent'

Clinical Skills: Core & Specialty Collections

Core Collection

- Acute and Critical Care
- Advanced Practice
- Critical Care
- Emergency
- General
- High-Risk Obstetric
- Maternal-Newborn
- Medical Surgical
- Mental Health
- Neonatal Intensive Care
- Oncology

Specialty Collections

- Pediatric Nursing
- Perioperative Nursing
- Respiratory Care
- Home Health
- Hospice & Palliative Care
- Ambulatory Care

Differentiators

- ✓ Continuing Education Hours
- ✓ Fully Customizable
- ✓ Policy Integration
- ✓ Updated Annually
- ✓ Mobile Optimized
- ✓ Integration with Info-Button, Skills, CKN, Care Plans

Over 2,000 Skills and over 1,700 contact hours

Partnerships

Partnerships with leading professional & specialty organizations to develop or review content:

- American Society for Parenteral and Enteral Nutrition (ASPEN)
- American Association of Critical Care Nurses (AACN)
- Oncology Nursing Society (ONS)
- Association of Rehabilitation Nurses (ARN)
- International Association of Forensic Nurses



Rigorous, Proven Editorial Process

- **Skills are...**
 - Authored and peer-reviewed
 - Following a rigorous editorial process by experienced nurses currently practicing in their clinical specialties
- **Content is...**
 - Continuously reviewed
 - Based on the latest evidence
 - Updates published monthly
 - Each Skill is reviewed and updated annually
 - More frequent updates occur if regulatory or professional practice standards change
- **Clinical Skills are updated with...**
 - Changes to clinical content based on new evidence
 - Enhancements to animations and illustrations
 - New skills and animations

Clinical Skills Adapted from AACN Manual

Clinical Skills

Clinical Skills that Include Chapters from the AACN Procedure Manual

The below skills are adapted from Wiegand, D.L. (Ed.). (2017). *AACN Procedure Manual for High Acuity, Progressive, and Critical Care* (7th ed.). St. Louis: Elsevier. The skills listed below have related chapters.

Clinical Skill ID	Clinical Skill Title	AACN Chapter #	AACN Manual Chapter Name
CC_002	Endotracheal Tube Intubation: Advanced Practice	2	Endotracheal Intubation (Perform) AP
CC_003	Endotracheal Tube Intubation	3	Endotracheal Intubation (Assist) AP
CC_004	Endotracheal Tube: Skin and Oral Care	4	Endotracheal Tube and Oral Care
CC_005	Endotracheal Tube Extubation and Tracheostomy Tube Decannulation: Advanced Practice	5	Extubation/Decannulation (Perform) AP
CC_006	Endotracheal Tube Extubation and Tracheostomy Tube Decannulation	6	Extubation/Decannulation (Assist) AP
CC_008	Nasopharyngeal Airway Insertion	9	Nasopharyngeal and Oral Airway Insertion
CC_010	Suctioning: Endotracheal and Tracheostomy Tube	10	Suctioning: Endotracheal or Tracheostomy Tube
CC_011	Endotracheal and Tracheostomy Tube Cuff Care	13	Tracheostomy Tube and Cuff Care
CC_013	End-Tidal Carbon Dioxide Monitoring	14	Continuous End-Tidal Carbon Dioxide Monitoring
CC_016	Pronation Therapy	19	Pronation Therapy
CC_017	Autotransfusion	20	Autotransfusion
CC_018	Chest Tube Insertion: Advanced Practice	21	Chest Tube Placement (Perform) AP
CC_019	Chest Tube Insertion	22	Chest Tube Placement (Assist)
CC_020	Chest Tube Removal	23	Chest Tube Removal (Perform) AP
		24	Chest Tube Removal (Assist)
CC_022	Chest Tube: Closed Drainage Systems	25	Closed Chest Drainage System
CC_023	Needle Thoracostomy: Advanced Practice	26	Needle Thoracostomy (Perform) AP
CC_024	Thoracentesis: Advanced Practice	27	Thoracentesis (Perform) AP
CC_025	Thoracentesis	28	Thoracentesis (Assist)



Skills for Competency Management

Competency Assessment Use Case

- **Why would this be used?**
 - To document a clinician's review of Skills content and passing score on a Skills test
 - To document a preceptor's validation of a clinician's ability to perform a skill
- **When would this be used?**
 - Typically annually, on a rolling basis
 - Skills Fairs
- **Where would Skills be used for this?**
 - In Computer Labs, Education Spaces, at Skills Fairs, and on the unit floor
- **Which roles are typically involved?**
 - The LMS admin, who assigns Skills to clinicians and Checklists to preceptors
 - The clinician, who reviews Skills content and takes Skills tests in the LMS
 - The preceptor, who grades Skills checklists

Competency starts with your Learning Platform

User Access Method		Action	End Result
Learner	Log into their Learning Platform	Find Skill on To Do List or use Self Enroll function	Complete Test
Preceptor		Use LMS Preceptor Function	Grade Checklist

Assigned Skills related to quality indicators

CLABSI Assignments				CAUTI Assignments				Pressure Injury Assignments			
Skill Name	Assgn	Compl	% Compl	Skill Name	Assgn	Compl	% Compl	Skill Name	Assgn	Compl	% Co..
Blood Specimen Collection: Blood Cultures	2,898	694	24%	Urinary Catheter: Straight and Indwelling (Foley) Catheter Insertion and Specimen Coll..	4,238	2,869	68%	Pressure Injury: Risk Assessment and Prevention	1,195	1,014	85%
Central Venous Catheter: Maintenance and Dressing Change	1,476	765	52%	Urinary Catheter: Indwelling (Foley) Catheter Care	3,213	1,929	60%	Assessment: Wound	1,193	1,018	85%
Central Venous Catheter: Removal	1,224	657	54%	Urinary Catheter: Indwelling (Foley) Catheter Removal	2,126	1,382	65%	Wound Drainage Evacuation	769	213	28%
Central Venous Catheter: Blood Sampling	873	543	62%	Specimen Collection: Urine from Indwelling (Foley) Catheter	1,308	1,051	80%	Specimen Collection: Wound Drainage	618	205	33%
Implanted Venous Port: Access, Deaccess, and Care	807	384	48%	Urinary Catheter: Condom	1,252	914	73%	Negative-Pressure Wound Therapy	252	178	71%
Peripherally Inserted Central Catheter: Maintenance and Dressing Change	775	477	62%	67100 - 105 Urinary Catheter: Indwelling (Foley) Catheter Care	662	358	54%	Pressure Injury Prevention (Perioperative)	149	46	31%
Central Venous Catheter: Dec clotting with Alteplase	692	266	38%	Urinary Catheter: Indwelling (Foley) Catheter Insertion (Pediatric)	17	9	53%	Pressure Injury: Treatment	134	62	46%
Central Venous Catheter Insertion	602	275	46%	Specimen Collection: Urine Culture from Indwelling (Foley) Catheter or Suprapubic T..	5	0	0%	Wound Drainage Evacuation (for NAP)	37	19	51%
67100 - 100 Central Venous Catheter: Maintenance and Dressing Change	476	345	72%	Urinary Catheter: Indwelling (Foley) Catheter Removal (Pediatric)	5	0	0%	Negative-Pressure Wound Therapy: Dressing Change (Pediatric)	4	0	0%
Arterial and Venous Sheath Removal	432	260	60%	Fall Prevention Assignments				Negative-Pressure Wound Therapy: Initiating Therapy (Pediatric)	4	0	0%
Central Parenteral Nutrition	423	128	30%	Skill Name	Assgn	Compl	% Compl	Specimen Collection: Wound Drainage (Pediatric)	4	0	0%
Peripherally Inserted Central Catheter: Removal	415	257	62%	Fall Prevention	1,068	450	42%	Wound Debridement	4	0	0%
Arterial Catheter Insertion (Assisting), Care, and Removal	390	172	44%	Fall Prevention (for NAP)	260	139	53%	Wound Drainage Evacuation (Pediatric)	4	0	0%
67105 - 101 Central Venous Catheter: Maintenance and Dressing Change	357	111	31%	Fall Prevention (Pediatric)	5	0	0%	Wound Irrigation	4	0	0%






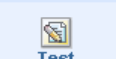



Integration and Access

Skills Connect

Allows customers the ability to use Elsevier Clinical Skills from within a 3rd-party learning management system (LMS) via AICC or SCORM

Tracheostomy Tube Change

 Quick Sheet  Extended Text  Supplies  Demos  Illustrations  Test  Checklist

Quick Sheet [Email a Colleague](#) [Print](#)

ALERT

Be aware that a malpositioned tracheostomy tube can cause distress, and a patient with increased neck circumference, unusual airway anatomy, or an elevated body mass index has an increased risk of distress.

Recognize that the inner and outer diameters of the tracheostomy tube must be appropriate for the patient. The tube size, shape, and diameter should be appropriate so that the tube fits the airway without undue pressure on the tracheal wall and satisfies the patient's functional needs, including speech and airway clearance requirements.

1. Perform hand hygiene and don gloves before patient contact.
2. Verify the correct patient using two identifiers.
3. Assess the patient's history for upper airway anomalies and the presence of a difficult airway.
4. Determine the date that the tracheostomy was created.
5. Assess the patient's neurologic status and ability to cooperate with the procedure.
6. Determine the time of the last intake of food or liquids.
7. Assess the characteristics and production of tracheal secretions.
8. Assess cardiopulmonary status.
9. If the patient requires mechanical ventilation, consult the respiratory therapist and practitioner to determine the degree of ventilator dependence and tolerance of brief periods without mechanical ventilation.
10. Consult the practitioner regarding the size and type of tracheostomy tube needed and obtain two tracheostomy tube sets.
11. Check the integrity of each component of one of the new tracheostomy tube sets.
12. Prepare the new tracheostomy tube, placing it on a clean surface, such as the inside of the packaging or clean gauze pads.

We also offer Infobutton with any Electronic Health Record

The screenshot displays a sample EHR interface with three main panels:

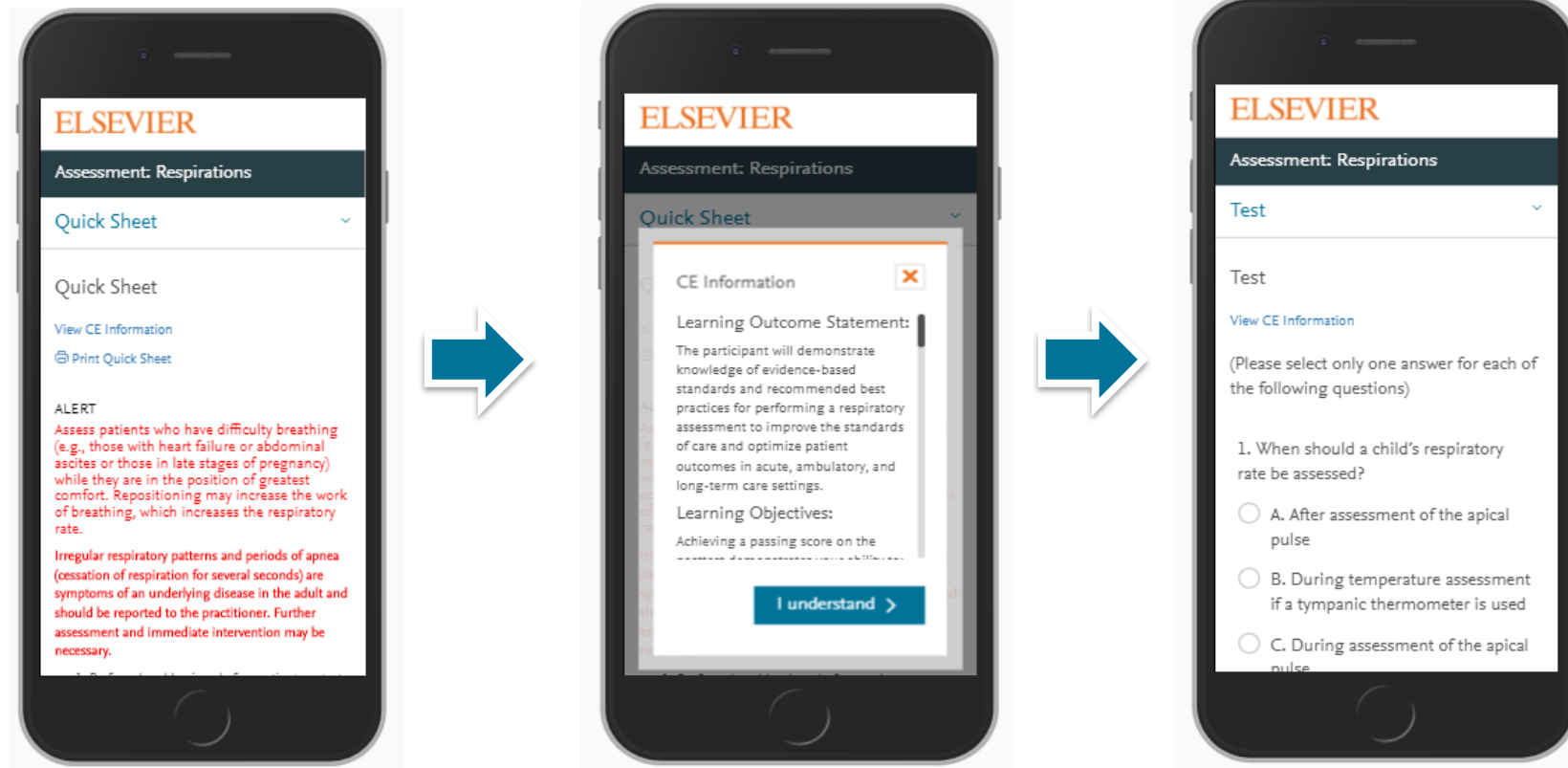
- Left Panel (Patient Information):**
 - Sample Electronic Health Record**
 - Patient's Name:** Test, Jane C.
 - DOB:** 08-Aug-1955
 - Gender:** Female
 - Problem List:**
 - Essential (primary) Hypertension *i*
 - Obesity *i* [Spanish](#) [Bosnian](#) [Korean](#)
 - Carpal tunnel syndrome *i*
 - Endometriosis *i*
 - Allergies:**
 - NKDA
 - Medications:**
 - Hydrochlorothiazide 25 mg PO once daily *i*
 - Depakote ER 750 mg PO once daily *i*
 - Acetaminophen 650 mg PO four times daily *i*
 - CPT:**
 - Carpal Tunnel Repair *i*
 - ICD-9:**
 - Obesity *i*
 - ICD-10:**
 - Diabetes *i*
 - LOINC:**
 - Complete Blood Count *i*
 - NDC:**
 - Glyburide tablets *i*
 - SNOMED:**
 - Hypertension *i*
 - RxNorm:**
 - Rifabutin capsules *i*
- Middle Panel (Search Results):**
 - ELSEVIER**
 - Search results for: Hypertension**
 - Clinical Skills**
 - Clinical Skills - Results (15 shown of 99 total)**
 - [Assessment: Postoperative Cardiac Status \(Perioperative\)](#)
 - [Blood Pressure \(Systolic\): Palpation \(Ambulatory\) - CE](#)
 - [Blood Pressure \(Systolic\): Palpation \(Home Health Care\) - CE](#)
 - [Blood Pressure \(Systolic\): Palpation - CE](#)
 - [Blood Pressure Measurement Education \(Home Health Care\) - CE](#)
 - [Blood Pressure Measurement Education - CE](#)
 - [Blood Pressure: Auscultation of Lower Extremity \(Ambulatory\) - CE](#)
 - [Blood Pressure: Auscultation of Upper Extremity \(Ambulatory\) - CE](#)
 - [Blood Pressure: Lower Extremity \(Home Health Care\) - CE](#)
 - [Blood Pressure: Lower Extremity - CE](#)
 - [Blood Pressure: Upper Extremity \(Home Health Care\) - CE](#)
 - [Blood Pressure: Upper Extremity - CE](#)
 - [Hydralazine \(Maternal-Newborn\) - CE](#)
- Right Panel (Quick Sheet):**
 - ELSEVIER**
 - Assessment: Postoperative Cardiac Status (Perioperative)**
 - Quick Sheet**
 - ALERT**
 - Postoperative cardiovascular complications commonly seen in the postanesthesia care unit (PACU) include hypertension, hypotension, tachycardia, arrhythmias, shock, left ventricular failure, and pulmonary and systemic embolisms.**
 - Perform hand hygiene and don gloves.
 - Introduce yourself to the patient.
 - Verify the correct patient using two identifiers.
 - Review the preoperative nursing assessment and medical history and physical information to identify preexisting cardiac deficits or circulatory conditions.
 - Ensure all monitors and equipment are available and working properly before the patient arrives in the PACU.
 - Use a standardized checklist to assess the patient's cardiac and circulatory response related to the emergence from anesthesia and to monitor the progression of the patient's recovery that leads to discharge from the PACU.
 - Attach appropriate monitoring equipment to the patient.

Clicking on the *i* next to *Hypertension* brings up the search results for Clinical Skills and other Elsevier solutions

Clicking on the Skill title launches the Skill

Fully Mobile-Responsive Across All Devices

Remote access included in the Skills license



Thank
You!