

EBSCO Platforms

Dynamic Health

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## EBSCO Platforms:

## Dynamic Health

- Diseases & Conditions
- Signs & Symptoms
- Tests & Labs
- Care Interventions
- Skills
- Drug Guide
- Patient Handouts

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## Writing and Research:

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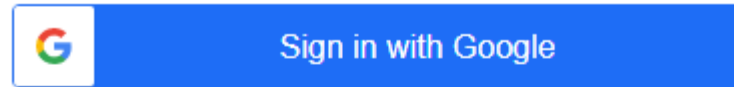
• [Sample Paper](#)

• [APA Format Checklist](#)



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conah1!



## Select Resource

LAC COLLEGE OF NURSING AND ALLIED HEALTH



DynaMed

DynaMed Plus



DH

Dynamic Health

## Mobile APP



## Confidence in Care

Evidence-based support and training for nurses and health professionals.



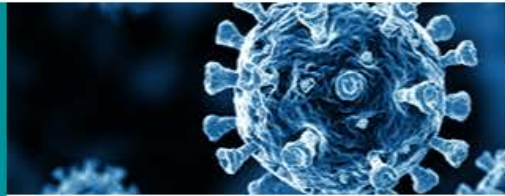
Search



### Explore Resources

#### PATIENT HANDOUTS

Patient-friendly information on Diseases & Conditions, Procedures & Tests, Health & Wellness, and Discharge Instructions



#### DISEASES & CONDITIONS

Thorough overviews of diseases and conditions for the interprofessional team



#### SIGNS & SYMPTOMS

Guidance on abnormalities that can indicate a medical condition



#### TESTS & LABS

Explore Imaging Tests, Lab Tests, Assessments, and Diagnostic Procedures



#### CARE INTERVENTIONS

Guides to treatments and actions to be performed on behalf of patients



#### SKILLS

Explore Nursing Skills, Health Profession Skills, and Clinical Skills



#### DRUG GUIDE

Powered by Davis's Drug Guide for Nurses from F.A. Davis Company

### Continuing Education

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### Explore Our Content

DISEASE/CONDITION

#### Try our Mobile App

Our free app is available for use by all Dynamic Health users. Simply search for "Dynamic Health" in the Apple or Android app stores. Download, sign in, and **enjoy online and offline** access to our content, convenient voice search functionality, and earn contact hours for Dynamic Health usage. [Learn More](#)

## Continuing the landing page

### SIGNS & SYMPTOMS

Guidance on abnormalities that can indicate a medical condition

### TESTS & LABS

Explore Imaging Tests, Lab Tests, Assessments, and Diagnostic Procedures

Large Icons to help guide you

### CARE INTERVENTIONS

Guides to treatments and actions to be performed on behalf of patients

### SKILLS

Explore **Nursing Skills, Health Profession Skills, Transcultural Care Skills, and Patient Instruction Skills**

### DRUG GUIDE

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#### DISEASE/CONDITION

**Respiratory Syncytial Virus (RSV) Infection**

#### HEALTH PROFESSION SKILL

**Assessing Pediatric Patients With Croup (Laryngotracheobronchitis): Respiratory Therapy**

#### PATIENT HANDOUT

**Respiratory Syncytial Virus**

#### CARE INTERVENTION

**Parkinson Disease Interventions: Speech-Language Pathology**

#### PATIENT INSTRUCTION SKILL

**Educating About Posttraumatic Stress Disorder in Children**

#### IMAGING TEST

**Intravenous Pyelogram**

#### NURSING SKILL

**Changing Peripheral IV Catheter Dressings in Pediatric Patients**

#### HEALTH PROFESSION SKILL

**Testing Deep Tendon Reflexes: Physical Therapy**

#### NURSING SKILL

**Applying Aseptic Technique**

#### SIGN/SYMPTOM

**Blood Pressure Increase, Adult**

## Announcements

**NEW – Patient Handout Content!** Informational handouts for Diseases & Conditions, Procedures & Tests, Health & Wellness and Discharge Instructions are now browsable from the top navigation bar and will return search results in Dynamic Health CDS + Skills. These handouts can be shared with patients to provide consistent information for treatment once they leave the facility.

**EBSCO receives the 2021 IACET Innovation of the Year Award!** EBSCO was selected for this award for our Innovation in Technology Integration work with Dynamic Health. Our technology makes it easy for nurses to earn contact hours with in-context continuing education, allowing users to generate continuing education opportunities each time they use the tool to answer a clinical question. To learn more, read the full press release.

**EBSCO Receives Frost & Sullivan Award for its Clinical Decisions Products** Frost & Sullivan recognizes EBSCO and specifically its Clinical Decisions products with the *2022 North America Product Leadership Award* for delivering forward-thinking products that support evidence-based clinical decision-making and patient engagement. To learn more, read this press release.

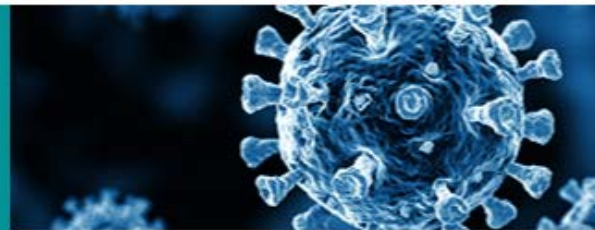
# Diseases & Conditions

Search from Tab or Icon

## Explore Resources

### PATIENT HANDOUTS

Patient-friendly information on Diseases & Conditions



### DISEASES & CONDITIONS

Thorough overviews of diseases and conditions for the interprofessional team

# Dynamic Health

## Diseases & Conditions

Thorough overviews of diseases and conditions for the interprofessional team

A B C D E F G H I J K L M N O

Find in list

Show:

All Diseases & Conditions

Dropdown for Age Groups

### A

Abdominal Abscess

Abdominal Aortic Aneurysm

Abdominal Compartment Syndrome

Abdominal Injury, Adult

Acetaminophen Poisoning, Adult

DISEASE/CONDITION

### Abdominal Abscess

CONTENT ABOUT

#### Description

- Red Flags
- Incidence/Prevalence
- Etiology/Pathophysiology
- Risk Factors
- Prevention
- Signs/Symptoms
- Potential Complications
- Diagnosis and Evaluation
- Treatment Considerations

#### Description

An abdominal abscess is a collection of pus and infected fluid which can occur in any abdominal organ. Patients with abdominal abscess typically present with abdominal pain, fever, and leukocytosis. Abdominal abscess can lead to serious complications, including sepsis and septic shock.

#### Red Flags

- Promptly diagnosing and treating an abdominal abscess can reduce risk of morbidity and mortality. <sup>1</sup>
- Use of antibiotics and analgesia after surgical intervention may mask symptoms of abdominal abscess which can delay diagnosis. <sup>1</sup>

Bookmark, print or e-mail



# Signs & Symptoms

Guidance on abnormalities that can indicate a medical condition

# Signs & Symptoms

- CIRCULATORY SYSTEM
- DIGESTIVE SYSTEM
- ENDOCRINE SYSTEM
- INTEGUMENTARY EXCRETORY SYSTEM
- LYMPHATIC IMMUNE SYSTEM
- MUSCULOSKELETAL SYSTEM
- NERVOUS SYSTEM
- RENAL URINARY SYSTEM
- REPRODUCTIVE SYSTEM
- RESPIRATORY SYSTEM
- VESTIBULAR SYSTEM

## NERVOUS SYSTEM

- Normal Newborn Reflexes
- Absence Seizure, Adult
- Absence Seizure, Pediatric
- Absent Corneal Reflex
- Acute Pain, Adult
- Acute Pain, Pediatric
- Agitation, Adult
- Agitation, Pediatric

A sampling of topics

- Generalized Tonic-Clonic Seizure, Pediatric
- Hallucinations, Adult
- Hallucinations, Pediatric
- Headache, Adult
- Hearing Loss, Adult
- Hearing Loss, Child and Adolescent
- Hearing Loss, Newborn
- Heat Intolerance

## Acute Pain, Adult

CONTENT IMAGES (1) ABOUT

### Description

- Red Flags
- Care Goals
- Care Interventions
- Patient/Family Education
- Causes/Risk Factors
- Diagnostic Tests and Procedures
- References

### Description

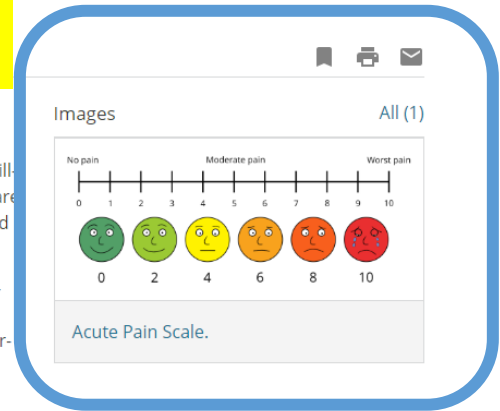
Acute pain is pain that usually comes on suddenly, is associated with a specific injury or illness, and lasts less than 3 months. It is the most common reason adults seek medical care and has a protective function in that it informs the patient of an injury or illness to attend to.

Acute pain is usually related to actual or potential tissue injury with activation of pain receptors and their A delta and C sensory nerve fibers (nociceptor). It has both a sensory and an emotional component related to anxiety and hyperactivity of the sympathetic nervous system. <sup>1</sup>

### Red Flags

- Respond to nonverbal expressions of pain, especially in patients with cognitive, speech, or language disorders (such as dementia and aphasia). <sup>2</sup>

Helpful Images and Red Flags





# Tests & Labs

## TESTS & LABS

Explore [Imaging Tests](#), [Lab Tests](#), [Assessments](#), and [Diagnostic Procedures](#)

Each item is clickable

## Imaging Tests

Show:

[Abdominal Computed Tomography \(CT\), Adult](#)

[Abdominal Computed Tomography \(CT\), Pediatric](#)

## Lab Tests

Show:

[24-Hour Urine Collection, Adult](#)

[24-Hour Urine Collection, Pediatric](#)

DIAGNOSTIC PROCEDURE

## Arthroscopy

[CONTENT](#) [IMAGES \(3\)](#) [ABOUT](#)

### Description

- [Red Flags](#)
- [Preparation](#)
- [Care Interventions](#)
- [Patient/Family Education](#)
- [Purpose/Indications](#)
- [How the Test Works](#)
- [References](#)

Diagnostic Procedures may include imaging.

### Description

Arthroscopy is a minimally invasive surgical procedure used by orthopedic physicians to visualize and diagnose joint problems using an arthroscope. It is commonly used for knee injuries but can also be used for ankles, elbows, shoulders, wrists, and hips.

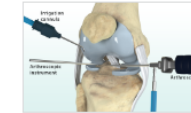


Image 1: Arthroscopy.



Image 2: Illustration of Knee Anatomy.



Image 3: Knee Arthroscopy Surgery.

### Red Flags

- Remind patient arthroscopy is being completed for diagnostic purposes but still comes with risk of [surgical complications](#).<sup>1</sup>

# Care Interventions

Guides to treatments and actions to be performed on behalf of patients

Cardiovascular Medicine

Dermatology

## Cardiovascular Medicine

MAIN (61)

### Filter Results

#### PATIENT POPULATION

- Adult (45)
- Pediatric (26)

#### SPECIALITIES

- Cardiovascular Medicine (61)
- Emergency & Trauma Medicine (4)
- Endocrinology (1)
- Hematology & Oncology (1)
- Pulmonology & Critical Care (4)
- Surgery & Perioperative Care (20)

CARE INTERVENTION

#### Abdominal Aortic Aneurysm Repair Interventions

Preventing/managing adverse effects of and educating patients/family members about abdominal aortic aneurysm repair or resection

CARE INTERVENTION

#### Acute Coronary Syndrome Interventions

Managing myocardial ischemia and infarction

CARE INTERVENTION

#### Acute Myocardial Infarction Interventions

Managing inadequate blood supply to the myocardium resulting in necrosis

CARE INTERVENTION

#### Angina Interventions

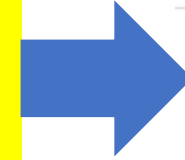
Managing myocardial ischemia by restoring perfusion, managing pain, and reducing risk factors

CARE INTERVENTION

#### Atherectomy Interventions

Preventing/minimizing complications and educating patient/family following atherectomy

Images and additional information are highlighted with icons



Abdominal

Description

Red Flags

Emergent Care

Care Goals

Care Interventions

Patient/Family Education

Overview of Medical Procedure

References

Cardiovascular

# Care Interventions

## Abdominal Aortic Aneurysm Repair Interventions

**CONTENT** IMAGES (1) ABOUT



### Description

Red Flags

Emergent Care

Care Goals

Care Interventions

Patient/Family Education

Overview of Medical Procedure

References

Go directly to your subject with a quick link

### Description

Abdominal aortic aneurysm repair (endovascular) or resection (open) is performed when risk of rupture outweighs surgical risk. Rupture of abdominal aortic aneurysm is a life-threatening surgical emergency.

Interventions following abdominal aortic aneurysm repair or resection focus on maintaining adequate circulation, preventing/managing adverse effects, and providing patient/family education.

### Red Flags

- Maintain patient in flat, supine position for 6 hours following endovascular repair. <sup>1</sup>
- Notify treating clinician immediately of signs/symptoms of vessel occlusion or hemorrhage. <sup>1</sup>
- Recognize increased risk of adverse effects in elderly patients, patients with high cardiac risk, and those with poorer clinical status preoperatively.
- Recognize and address, when possible, issues of [equity and inclusion](#) when providing care. Failure to consider a patient's unique circumstances can negatively impact patient health outcomes.

Images

All (1)



CT scan of AAA Stent.

# Care Interventions

## Abdominal Aortic Aneurysm Repair Interventions

Description

Red Flags

Emergent Care

Care Goals

### Care Interventions

Myocardial Infarction

Abdominal Compartment Syndrome

Arterial Thrombosis/Occlusion

Bleeding/Hemorrhage/Hematoma

Surgical Site Infection

Ischemic Colitis

Pain

Postimplantation Syndrome

Venous Thromboembolism

Stroke

Renal Insufficiency or Failure

Patient/Family Education

Overview of Medical Procedure

References

tion self-care.

### Care Interventions

**Assess** for signs and symptoms of these potential abdominal aortic aneurysm complications and **intervene** to prevent or minimize them: [1](#), [2](#), [4](#), [5](#), [6](#), [7](#), [8](#)

MYOCARDIAL INFARCTION

ABDOMINAL COMPARTMENT SYNDROME

ARTERIAL THROMBOSIS/OCCLUSION

BLEEDING/HEMORRHAGE/HEMATOMA

SURGICAL SITE INFECTION

ISCHEMIC COLITIS

PAIN

POSTIMPLANTATION SYNDROME

VENOUS THROMBOEMBOLISM

STROKE

### Patient/Family Education

Patient/family may have knowledge deficits and education needs that must be addressed so they can fully understand and engage in effective self-management strategies. Patient engagement positively impacts present and future health status and wellness.

Teach patient/family about these topics: [1](#), [3](#), [4](#), [5](#)

- **Overview of abdominal aortic aneurysm repair or resection procedures**, including type (open or endovascular); location and size of incision, invasive lines, tubes, drains; outcomes of procedure; what to expect after surgery; potential complications; and risk factors for complications, such as age, comorbidities, overall health status, and activity level
- **Treatment and diagnostic tests**, including what to expect during hospital stay, purpose of diagnostic tests and results, medication regimen, risks/benefits, invasive cardiovascular monitoring, lab work, and frequent assessment
- **Self-care**, including treatment regimen; sign/symptoms to watch for, such as fever, bleeding, or abdominal pain; activity restrictions (including no lifting over 5 lb or 2.26 kg for 6 weeks); pain control; coping strategies; and need for continued follow-up with providers with lifelong surveillance following endovascular repair. Instruct patient that they may shower if surgical site is secured with closure strips, with soap and water only, and pat incision dry.
- **Lifestyle changes**, including tobacco cessation, limiting alcohol, and dietary changes. Fatigue is expected for several weeks and frequent rest periods are required.
- **Safety measures**, including adhering to medication regimen, antibiotic prophylaxis before dental procedures, respiratory tract procedures, gastrointestinal or genitourinary procedures, or if immunocompromised, and preventing falls/exposures. Limit sitting to 1-2 hours. Avoid crossing legs.

### References

#### 1. General or background information/texts/reports

Hinkle JL, Cheever KH, eds. *Brunner & Suddarth's Textbook of Medical Surgical Nursing*. 14th ed. Wolters Kluwer; 2018.

#### 2. General or background information/texts/reports

Farber MA, Ahmad TS. Abdominal aortic aneurysms (AAA). Merck Manual Professional Version. Updated May 2019. <https://www.merckmanuals.com/professional/cardiovascular-disorders/diseases-of-the-aorta-and-its-branches/abdominal-aortic-aneurysms-aaa>

References with links to the article



## SKILLS

Explore Nursing Skills, Health Profession Skills, Transcultural Care Skills, and Patient Instruction Skills

## Nursing Skills

### Specialties

Addiction

> Cardiovascular Care

> Critical Care

Dermatology

> Emergency and Trauma

Endocrinology

Gastroenterology

Gynecologic

## EKG

### MAIN (7)

## Filter Results

### PATIENT POPULATION

- Adult (7)
- Pediatric (1)

### SPECIALITIES

- Cardiovascular Medicine (7)
- Emergency & Trauma Medicine (2)
- Pulmonology & Critical Care (5)
- Surgery & Perioperative Care (1)

Filter Results by age and specialty

### NURSING SKILL

#### Removing Epicardial Pacing Wires

Removing epicardial pacing wires from the epicardium when pacing is no longer indicated

### NURSING SKILL

#### Performing a 12-Lead Electrocardiogram in Adults

Using electrical current to examine heart conduction from 12 different vantage points

### NURSING SKILL

#### Interpreting a 12-Lead Electrocardiogram in Adults

Evaluating the electrical conduction, rate, rhythm, and size of the l

### NURSING SKILL

#### Interpreting a Cardiac Rhythm Strip in Adults

Evaluating electrical activity of the heart using a 3-lead or 5-lead cardiac monitoring system

### NURSING SKILL

#### Performing Epicardial Pacing

Administering electrical current to the heart using pacing wires loosely attached to the epicardium after heart surgery

Some skills include videos

# Drug Guide



DRUG MONOGRAPH

abatacept (a-bat-a-cept)

Clicking on the speaker to hear the pronunciation

Orencia

CLASSIFICATIONS: Therapeutic: antirheumatics (DMARDs) Pharmacologic: fusion proteins

## CONTENT



### Route/Dosage

- Availability
- Indications
- Contraindications/Precautions
- Adverse Reactions/Side Effects
- Interactions
- Assessment
- Implementation
- Patient/Family Teaching
- Evaluation/Desired Outcomes
- Potential Nursing Diagnoses
- Action
- Pharmacokinetics

### Route/Dosage

#### Rheumatoid Arthritis

**IV (Adults):** <60 kg—100 mg initially; repeat dose at 2 and 4 wk thereafter; >60 kg—100 mg initially; repeat dose at 2 and 4 wk thereafter; every 4 wk thereafter

**Subcut (Adults):** weight-based dosing: 125 mg subcut on days 1, 15, and 29; if transdermal injection.

#### Juvenile Idiopathic Arthritis

**IV (Children 6–17 years):** 100 mg initially; repeat dose at 2 and 4 wk thereafter; >100 kg—100 mg initially; repeat dose at 2 and 4 wk thereafter; every 4 wk thereafter

#### IV Administration

- Intermittent Infusion:** Reconstitute each vial with 10 mL of Sterile Water for Injection, using **ONLY SILICONE-FREE DISPOSABLE SYRINGE PROVIDED WITH EACH VIAL** and an 18–21 gauge needle for a concentration of 25 mg/mL. Discard solutions prepared using siliconized syringes. Additional silicone-free syringes are available from manufacturer. Direct stream of sterile water to side of vial. Rotate vial by gently swirling to minimize foaming. Do not shake. Upon dissolution, vent vial to dissipate foam. Solution should be clear and colorless to pale yellow. Do not use solutions that are discolored or contain particulate matter. **Diluent:** Further dilute solution to 100 mL of 0.9% NaCl by withdrawing volume of abatacept solution from 100 mL infusion bag or bottle. Slowly add reconstituted solution using the same **SILICONE-FREE DISPOSABLE SYRINGE PROVIDED WITH EACH VIAL**. Mix gently. **Concentration:** 5, 7.5, or 10 mg/mL depending on whether 2, 3, or 4 vials were used. Discard unused portion of vial. Infusion must be completed within 24 hr of reconstitution. Diluted solution may be stored at room temperature or refrigerated before use.
- Rate:** Administer over 30 min with a sterile non-pyrogenic, low-protein-binding filter with a 0.2–1.2 micron pore size.
- Y-Site Incompatibility:** Do not infuse in same infusion line as other agents.

### Key

- = Canadian Drug Name
- = Genetic Implication
- ~~Strikethrough~~ = Discontinued
- CAPITALS** = Life-Threatening
- Highlighted** = Most Frequent

Icons, color codes and font styles aid in organizing content

## Achilles Tendinopathy

View in: English

### CONTENT

**Definition**

Causes

Risk Factors

Symptoms

Diagnosis

Treatment

Prevention

Spanish handouts available through the drop down

Select topics to print

Print

Topic

Select All | Deselect All

- Definition
- Causes
- Risk Factors
- Symptoms
- Diagnosis
- Treatment
- Prevention

Print Cancel

### Definition

The Achilles tendon connects the calf muscle at the heel bone. Achilles tendinopathy is pain in this tendon.



#### Achilles Tendonitis.

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### Causes

The exact cause is not l

- Increasing speed or
- Suddenly adding hill
- Stressing the calf m
- Putting sudden stres

### Risk Factors

This problem is more c risk are:

### Symptoms

Symptoms of tendinopathy may include:

- Pain and stiffness above the heel bone
- Problems that happen when bearing weight after r
- Swelling at the tendon
- Problems wearing shoes
- Decreased strength in the tendon

### Diagnosis

The doctor will ask about your symptoms and health l activities that you do. A physical exam will be done. It often enough to make the diagnosis.

If the diagnosis is unclear, images may be taken. This

- X-rays
- MRI scan
- Ultrasound

### Treatment

Treatment depends on the tendon and how badly it is damaged. Options are:

- Supportive care with rest and ice
- Ankle taping to support the tendon
- Shoe inserts
- Medicines to ease pain and swelling
- Physical therapy
- Extracorporeal shockwave therapy (ESWT) to stimulate healing

Some people may need surgery when other methods do not help.

### Prevention

This problem may be prevented by:

# Personalized Experience

DynamicHealth™ CDS + SKILLS

Diseases & Conditions Signs & Symptoms Tests & Labs Care Interventions Skills Drug Guide Patient

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Evidence-based support and training for nurses and health professionals.

English

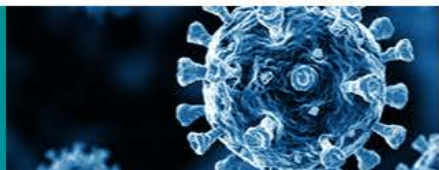
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DISEASE/CONDITION

[Respiratory Syncytial Virus \(RSV\) Infection](#)

PATIENT HANDOUT

[Respiratory Syncytial Virus](#)

NURSING SKILL

[Inserting a Nasogastric Tube in an Adult Patient](#)

SIGN/SYMPTOM

[Hypoglycemia: Infants, Adolescents](#)