

Infections in an Institutional Setting

Institutionally-treated Skin and Soft Tissue Infections
Course 7

Content Design Document

Prepared for

Company X

Prepared by

Robyn A. Defelice
Instructional Designer

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Course 7: Institutionally-treated Skin and Soft Tissue Infections

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Section I: Notes & Bibliography

Notes & Bibliography	
Global comments	<ul style="list-style-type: none"> ▪ The Course 7 Amplified Outline (AO) [version 4] serves as the basis for the scope of medical content contained in this Content Detail Document (CDD). ▪ The sequencing and grouping of all content, and the addition of learning and reinforcement activities, are organized to achieve instructional design approaches, such as problem-solving, case studies, perspectives, learner interactivity and an overall activity-centered focus. ▪ The medical references from the AO are cited in this document. ▪ A current copy of the AO will accompany this CDD. The content treatment described in each row of this CDD and the point in the AO (i.e., 2.a.i) that supports it is cross-referenced.
Source Content from the Amplified Outline	<p>The following is a list of references that will appear in the bibliography for this course:</p> <p>Primary Source Content</p> <ul style="list-style-type: none"> ▪ Cohen J, Powderly WG, Berkley SF, et al. <i>Infectious Diseases. 2nd Edition</i>. St. Louis, MO: Mosby Inc.;2004. ▪ Mandell GL, Bennett JE, Dolin R. <i>Principles and Practice of Infectious Diseases, 6th Edition</i>. Orlando, FL: Churchill Livingstone; 2005. ▪ Stevens DL, Bisno AL, Chambers HF, et al. Practice guidelines for the diagnosis and management of skin and soft-tissue infections. <i>Clin Infect Dis</i> 2005;41:1373-1406.

Section II: Course Overview

Course Overview	
Course	Course 7: Institutionally-treated Skin and Soft Tissue Infections
Length of Course	.50 hour
Description	This course will review common Skin and Soft Tissue Infections treated in an institutional setting, their respective pathogens and treatment principles. This course will discuss the general flow of a patient in the institution while covering key procedures: exam and tests, diagnosis, admissions, treatment and discharge.
Prerequisite(s)	Courses 1, 2, 3, 4, 5, and 6.
Learning Objectives	<p>After completing this course, learners will be able to:</p> <ol style="list-style-type: none"> 1. Define and identify the different types of skin and soft tissue infection 2. Identify the most common pathogens associated with common skin and soft tissue infections 3. Describe and interpret common diagnostic tests performed in patients with skin and soft tissue infections 4. Describe the role of various institutional departments in the treatment of skin and soft tissue infections 5. Explain common treatment strategies, including surgery and antibiotic treatment regimens utilized for skin and soft tissue infections 6. Outline microbial considerations, including resistance patterns, impacting antibiotic selection

Module	Topics
Module 0: Introduction	Topic 1: Course Overview
Module 1: Introduction to Skin and Soft Tissue Infections	Topic 1: Overview Topic 2: Definition and Classification Topic 3: Module Assessment Topic 4: Module Summary
Module 2: Admissions and Diagnosis	Topic 1: Overview Topic 2: Admission Topic 3: Diagnosis Topic 4: Pathogens Topic 5: Treatment and Complications Topic 6: Module Assessment Topic 7: Module Summary
Module 3: Cost of Treatment	Topic 1: Overview Topic 2: Costs of Treatment Topic 3: Module Assessment Topic 4: Module Summary
Final Module: Final Assessment	Topic 1: Introduction Topic 2: Final Assessment

Section III: Assessment Strategy

The breakdown of questions from this course in the program's mastery assessment appears in the table below. Questions will be written during the scripting phase of the course, and a single flat file of questions will be delivered to OMJPS for review when the course's script is sent for review.

Assessment Strategy		
Focus of Question		Number of Questions
Objective	Module-Topic	
Define and identify the different types of skin and soft tissue infection	M1T2	2-3
Describe and interpret common diagnostic tests performed in patients with skin and soft tissue infections	M2T3	2-3
Identify the most common pathogens associated with common skin and soft tissue infections	M2T4	2-3
Describe the role of various institutional departments in the treatment of skin and soft tissue infections	M3T1	1-2
Explain common treatment strategies, including surgery and antibiotic treatment regimens utilized for skin and soft tissue infections	M3T1	1-2

total: 8-12

Section IV: Course Breakdown by Module

Module #0: Introduction

Module #0: Introduction			
Topic #1: Course Overview			
Purpose	Content	Image / Illustration Description	Proposed Page Type(s)
Opening Screens	<ul style="list-style-type: none"> ▪ Opening animation with music ▪ Disclaimer 	<ul style="list-style-type: none"> ▪ Included in Prototype 	<ul style="list-style-type: none"> ▪ Splash ▪ Disclaimer
Setting the Stage	<p>Infectious Disease Specialist providing summary on about skin and soft tissue infections.</p> <p>Introduction [[Stevens, 2005, 1378]]</p> <ul style="list-style-type: none"> • Skin and soft tissue infections (SSTIs) have very diverse etiologies • Numerous pathogens can cause SSTIs, and there are considerable similarities in clinical presentations between the various pathogens causing SSTIs that often makes identification of the pathogen difficult • Other factors that influence appropriate diagnosis and treatment is establishing the severity of the infection and pathogen resistance patterns 	<ul style="list-style-type: none"> ▪ Headshot of Infectious Disease Specialist 	<ul style="list-style-type: none"> ▪ Perspective
Introduces the learner to the course	<p>This course will review common Skin and Soft Tissue Infections treated in an institutional setting, their respective pathogens and treatment principles. An overview of the general flow of a patient in the institution will be showcased while covering key procedures: exam and tests, diagnosis, admissions, treatment and discharge.</p> <ul style="list-style-type: none"> – Course objectives – Navigation elements (to explain the tools available for moving through the course: back and next buttons vs. the menu button) – Available job aids (a quick discussion of where to find and how to use them) if the course has any – Approximate seat time – 30 minutes 	<ul style="list-style-type: none"> ▪ A visual representation of: <ul style="list-style-type: none"> <i>Focus</i> <i>Prepare</i> <i>Remember</i> 	<ul style="list-style-type: none"> ▪ Welcome Page

Module #1: Introduction to Skin and Soft Tissue Infections

Module #1: Introduction to Skin and Soft Tissue Infections			
Topic #1: Overview			
Purpose	Content	Image / Illustration Description	Proposed Page Type(s)
The Hook	<ul style="list-style-type: none"> ▪ Almost half of all Americans are bitten by an animal in their lifetime, usually by a dog ▪ Approximately 1% of all emergency department visits are a result of an animal bite, which result in 10,000 admissions annually ▪ 	<ul style="list-style-type: none"> ▪ N/A 	<ul style="list-style-type: none"> ▪ DYK – Did You Know?
Introduce the learner to the module	<p>Learning objectives for the module:</p> <ul style="list-style-type: none"> • List and define the classifications of skin and soft tissue infections (SSTIs). 	<ul style="list-style-type: none"> ▪ Image of patient limping. 	<ul style="list-style-type: none"> ▪ Module objectives

Topic #2: Definition and Classification			
Learning Objective	Key Takeaways	Image / Illustration Description	Proposed Page Type(s)
Learning Objective: List and define the classifications of skin and soft tissue infections (SSTIs).			
	<p>We have a 34-year old male (J.M.) who just presented to the ER showing symptoms of possible cellulitis. You will need to take this case and present on rounds today.</p> <p>Consult with others to ensure a sound treatment plan. Be prepared to discuss disease state, diagnosis and treatment plans.</p>	<ul style="list-style-type: none"> ▪ Headshot of Attending Physician ▪ Headshot of Medical student 	<ul style="list-style-type: none"> ▪ Interactive Dialog

Topic #2: Definition and Classification			
Learning Objective	Key Takeaways	Image / Illustration Description	Proposed Page Type(s)
	<p>Medical provides an overview of the various SSTIs as the attending physician requests.</p> <ul style="list-style-type: none"> ▪ Cellulitis and erysipelas [[Stevens, 2005, 1380]] <ul style="list-style-type: none"> ○ Risk Factors [[Stevens, 2005, 1381]] ▪ Decubitus Ulcers [[Cohen, 2004, 189-191; Mandell, 2005, 1184]] ▪ Diabetic Foot Ulcers [[Cohen, 2004, 189-191]] ▪ Necrotizing SSTIs [[Stevens, 2005, 1383]] <ul style="list-style-type: none"> ○ Risk Factors [[Stevens, 2005, 1384]] ▪ Animal Bites [[Stevens, 2005, 1386-1387]] ▪ Surgical Site Infections [[Stevens, 2005, 1393]] <ul style="list-style-type: none"> ○ Superficial incisional ○ Deep incisional ○ Organ/space 	<ul style="list-style-type: none"> ▪ Images of patients displaying signs/symptoms of respective SSTI: <ul style="list-style-type: none"> ○ Cellulitis ○ Decubitus Ulcers ○ Diabetic Foot Ulcers ○ Necrotized skin ○ Animal Bite ○ Surgical Site Infection 	<ul style="list-style-type: none"> ▪ Uber Explore
	<ul style="list-style-type: none"> ▪ Recognition of definition and classification(s) and any associative risk factors of SSTIs just learned. 	<ul style="list-style-type: none"> ▪ N/A 	<ul style="list-style-type: none"> ▪ Credibility Drill -Flash Card

Topic #3: Module Assessment			
Purpose	Key Takeaways	Image / Illustration Description	Proposed Page Type(s)
Allow learner to assess his / her understanding of the material covered in the module	<ul style="list-style-type: none"> ▪ Topics mastered / topics needed for review 	<ul style="list-style-type: none"> ▪ N/A 	<ul style="list-style-type: none"> ▪ Card Sort With Graphics

Topic #4: Module Summary			
Purpose	Key Takeaways	Image / Illustration Description	Proposed Page Type(s)
Reinforce key learning points and provide a printable summary	<ul style="list-style-type: none"> ▪ Summary of key takeaways 	<ul style="list-style-type: none"> ▪ N/A 	<ul style="list-style-type: none"> ▪ Module Summary (with Print functionality)

Module #2: Admissions and Diagnosis

Module #2: Admissions and Diagnosis			
Topic #1: Overview			
Purpose	Content	Image / Illustration Description	Proposed Page Type(s)
The Hook	<ul style="list-style-type: none"> ▪ Infections of surgical wounds are the most common adverse event following surgery ▪ They account for 38% of nosocomial infections in surgical patients ▪ Within 48 hours of operation infection occurs. ▪ The majority of cases may be treated with oral antibiotics in the outpatient setting 	<ul style="list-style-type: none"> ▪ Headshot of Physician 	<ul style="list-style-type: none"> ▪ Did You Know: Word from an Expert
Introduce the learner to the module	<p>Learning objectives for the module:</p> <ul style="list-style-type: none"> • Name settings where patients present with skin and soft tissue infections. • List the tests for diagnosing skin and soft tissue infections. • List the pathogens associated to skin and soft tissue infections. • Discuss the methods physicians use to diagnose skin and soft tissue infections. • Outline the treatment principles for skin and soft tissue infections. 	<ul style="list-style-type: none"> ▪ Image of patient being cared for in an institutional setting. 	<ul style="list-style-type: none"> ▪ Module objectives

Topic #2: Admissions			
Learning Objective	Key Takeaways	Image / Illustration Description	Proposed Page Type(s)
Learning Objective: Name settings where patients present with skin and soft tissue infections.			
	<p>Medical student provides the following information to Attending Physician on morning round:</p> <ul style="list-style-type: none"> ▪ Presented to ER <ul style="list-style-type: none"> ○ 3 to 4 day history of increasing pain around left hip. Secondary to an injury received falling on a sidewalk. ○ Fever, feels weak, lethargic and nauseated. ○ No known drug allergies and is otherwise healthy ▪ Physical exam <ul style="list-style-type: none"> ○ Swollen, warm, and extremely tender hip ○ Temperature 38.9 C, appears very ill 	<ul style="list-style-type: none"> ▪ Headshot of patient (J.M.). 	<ul style="list-style-type: none"> ▪ Patient Profile
	<p>Medical student answers Attending Physicians question on patient presentation</p> <p>Referral source/presenting, admitting departments</p> <ul style="list-style-type: none"> ▪ Most patients with SSTIs will initially present to the primary care physician or the emergency room ▪ In cases of severe infection, the patient will be admitted to either the medical ward or intensive care unit (ICU) ▪ Diagnosis [[Stevens, 2005, 1378]] <ul style="list-style-type: none"> ○ Obtaining a careful history is vital to developing an adequate differential diagnosis. The following information regarding the patient should be acquired: <ul style="list-style-type: none"> ▪ Immune status ▪ Geographical location ▪ Travel history ▪ Recent trauma or surgery ▪ Previous antimicrobial therapy ▪ Lifestyle and hobbies ▪ Animal exposure and bites 	<ul style="list-style-type: none"> ▪ Table outlines the type of information each diagnostic point serves. 	<ul style="list-style-type: none"> ▪ Text w/ table

Topic #3: Diagnosis			
Learning Objective	Key Takeaways	Image / Illustration Description	Proposed Page Type(s)
Learning Objective: Discuss the methods physicians use to diagnose skin and soft tissue infections.			
	<p>Medical student continues to provide information on the SSTIs:</p> <ul style="list-style-type: none"> ▪ Cellulitis and erysipelas <ul style="list-style-type: none"> ▪ Admission [[Stevens, 2005, 1380-1381]] <ul style="list-style-type: none"> ○ Signs and symptoms ○ The decision to hospitalize the patient should be made on the severity of the disease ▪ Decubitus Ulcers [[Cohen, 2004, 189-191; Mandell, 2005, 1184]] ▪ Diabetic Foot Ulcers [[Cohen, 2004, 189-191]] ▪ Necrotizing SSTIs [[Stevens, 2005, 1383-1384]] <ul style="list-style-type: none"> ▪ Admission [[Stevens, 2005, 1383]] <ul style="list-style-type: none"> ○ Signs and Symptoms ▪ Animal Bites <ul style="list-style-type: none"> ○ Signs and Symptoms ▪ Surgical Site Infections [[Stevens, 2005, 1393]] <ul style="list-style-type: none"> ▪ Admission [[Stevens, 2005, 1393]] <ul style="list-style-type: none"> ○ Signs and Symptoms 	<ul style="list-style-type: none"> ▪ Images of patients displaying signs/symptoms of respective SSTI: <ul style="list-style-type: none"> ○ Cellulitis ○ Decubitus Ulcers ○ Diabetic Foot Ulcers ○ Necrotized skin ○ Animal Bite ○ Surgical Site Infection 	<ul style="list-style-type: none"> ▪ Uber Explore w/ Tabs
	<ul style="list-style-type: none"> ▪ Determine which sign/symptoms are associated to which SSTI. 	<ul style="list-style-type: none"> ▪ N/A 	<ul style="list-style-type: none"> ▪ Sales Forum
	<ul style="list-style-type: none"> ▪ Attending Physician indicates to Medical student that are sometimes done to determine cellulitis, but not routinely recommended. He then directs the Medical student to consult with a Microbiologist for the other SSTI tests. 	<ul style="list-style-type: none"> ▪ Image of Attending Physician speaking w/ Medical student. 	<ul style="list-style-type: none"> ▪ Text w/ Graphic

Topic #3: Diagnosis			
Learning Objective	Key Takeaways	Image / Illustration Description	Proposed Page Type(s)
Learning Objective: List the tests for diagnosing skin and soft tissue infections.			
	<p>Attending Physician shares information on test being performed for patient:</p> <ul style="list-style-type: none"> ▪ Cellulitis and erysipelas [[Stevens, 2005, 1380-1381]] <ul style="list-style-type: none"> ○ Exams/Tests <ul style="list-style-type: none"> ▪ Needle aspirations and skin biopsies are not routinely recommended, unless the patient has diabetes mellitus, malignancy, or unusual predisposing factors 	<ul style="list-style-type: none"> ▪ Animation of skin biopsy from cellulitis or erysipelas showing growth of infection 	<ul style="list-style-type: none"> ▪ Animation Explore
	<p>Attending Physician asks Medical student to discuss what they know about the other types of SSTIs and their tests:</p> <ul style="list-style-type: none"> ▪ Decubitus Ulcers [[Cohen, 2004, 189-191; Mandell, 2005, 1184]] <ul style="list-style-type: none"> ○ Exams/tests <ul style="list-style-type: none"> ▪ Biopsy of deep tissue ▪ Diabetic Foot Ulcers [[Cohen, 2004, 189-191]] <ul style="list-style-type: none"> ▪ Exams/tests <ul style="list-style-type: none"> ○ Deep tissue cultures ○ Cultures and Gram-stained smears of material from curettage of the base of the ulcer or from purulent exudate ▪ Necrotizing SSTIs [[Stevens, 2005, 1383-1384]] <ul style="list-style-type: none"> ▪ Exams/tests <ul style="list-style-type: none"> ○ Culture and Gram stain of exudate ▪ Animal Bites ▪ Surgical Site Infections [[Stevens, 2005, 1393]] <ul style="list-style-type: none"> ▪ Exams/tests <ul style="list-style-type: none"> ○ Gram stain and culture if infection occurs within 48 hours 	<ul style="list-style-type: none"> ▪ Image of deep tissue biopsy of a Decubitus ulcer. ▪ Image of deep tissue cultures and gram-stain smears of necrotizing facscitis. ▪ Image of culture and gram stain of exudate ▪ Image of an animal bite ▪ Image of gram-stain and cultures of surgical infections. 	<ul style="list-style-type: none"> ▪ Uber Explore – tabs w/ graphics
	<ul style="list-style-type: none"> ▪ Given an exam/test with image determine which SSTI is being diagnosed. 	<ul style="list-style-type: none"> ▪ N/A 	<ul style="list-style-type: none"> ▪ Drag Drop

Topic #4: Pathogens			
Learning Objective	Key Takeaways	Image / Illustration Description	Proposed Page Type(s)
Learning Objective: List the pathogens associated to skin and soft tissue infections.			
	<p>Microbiologist discusses pathogens associated to each type of SSTI: Pathogens identified</p> <ul style="list-style-type: none"> ▪ Cellulitis and erysipelas [[Stevens, 2005, 1380]] <ul style="list-style-type: none"> ○ β-hemolytic streptococci (mostly serogroup A, but serogroups B, C and G may also cause infection) ○ <i>Staphylococcus aureus</i> (rarely) ▪ Decubitus Ulcers [[Cohen, 2004, 189-191; Mandell, 2005, 1184]] <ul style="list-style-type: none"> ○ Aerobic and facultative organisms (eg, <i>Psuedomonas</i>, <i>Proteus</i>, enterococci) ○ Anaerobic bacteria (eg, <i>Bacteroides fragilis</i>, <i>Clostridium perfringens</i>) ▪ Diabetic Foot Ulcers [[Cohen, 2004, 189-191]] <ul style="list-style-type: none"> ○ Non-limb-threatening ○ Limb-threatening, commonly polymicrobial ▪ Necrotizing SSTIs [[Stevens, 2005, 1383]] <ul style="list-style-type: none"> ○ Monomicrobial ○ Polymicrobial ▪ Animal Bites [[Stevens, 2005, 1387]] <ul style="list-style-type: none"> ○ <i>Pasteurella</i> species (50% of dog bites and 75% of cat bites) ○ Staphylococci and streptococci (40% of dog and cat bites) ○ Common anaerobes ▪ Surgical Site Infections [[Stevens, 2005, 1393]] <ul style="list-style-type: none"> ○ <i>S. pyogenes</i> ○ <i>Clostridium</i> species 	<ul style="list-style-type: none"> ▪ Table for each SSTI providing information on associated pathogen(s) and appropriate images. ▪ Images of appropriate pathogens per type of SSTI listed to the left. 	<ul style="list-style-type: none"> ▪ Uber Explore – Tabs and Tables
	<ul style="list-style-type: none"> ▪ Identify and associate pathogens to SSTIs. 	<ul style="list-style-type: none"> ▪ Images of pathogens 	<ul style="list-style-type: none"> ▪ Card Sort w/ Graphics

Topic #5: Treatment and Complications			
Learning Objective	Key Takeaways	Image / Illustration Description	Proposed Page Type(s)
Learning Objective: Outline the treatment principles for skin and soft tissue infections.			
	<p>Medical student and Infectious Disease Specialist discuss the diagnosis and its complexity for treatment.</p> <ul style="list-style-type: none"> ▪ Depending on the complexity of the case, infectious disease specialists may be consulted with regard to appropriate anti-infective therapies ▪ Infectious Disease Specialist provides input on appropriate anti-infective therapies with directive to seek out the Clinical Pharmacist. ▪ Diagnosis – moderate to severe cellulitis; hospitalize due to severity of infection 	<ul style="list-style-type: none"> ▪ Head shot of Infectious Disease Specialist. ▪ Headshot of Medical student. 	<ul style="list-style-type: none"> ▪ Dialog w/ commentary
	<p>Clinical Pharmacists discusses with Medical student and Infectious Disease Specialist the treatment for the patient:</p> <ul style="list-style-type: none"> ▪ Cellulitis and erysipelas [[Stevens, 2005, 1381-1382]] <ul style="list-style-type: none"> ○ Antibiotic therapy <ul style="list-style-type: none"> • Pencillinase-resistant penicillin (eg, nafcillin, first-generation cephalosporin) • For penicillin-allergic patients, clindamycin or vancomycin • Therapy should be administered for 5–10 days ○ Other therapies <ul style="list-style-type: none"> • Corticosteroids in patients with worsening cutaneous inflammation • Elevation of affected area (promotes gravity drainage) 	<ul style="list-style-type: none"> ▪ A table presenting the various antibiotic treatment options by type of therapy. 	<ul style="list-style-type: none"> ▪ Text w/ Table

Topic #5: Treatment and Complications			
Learning Objective	Key Takeaways	Image / Illustration Description	Proposed Page Type(s)
	<ul style="list-style-type: none"> ▪ Decubitus ulcers [[Mandell, 2005, 1184]] <ul style="list-style-type: none"> ▪ Combined antibiotic treatment and surgical approach should be implemented ▪ Diabetic foot ulcers [[Cohen, 2004, 189-191]] <ul style="list-style-type: none"> ▪ Antibiotic therapy ▪ Surgical intervention ▪ Open ulcers should be packed 3 times daily with sterile gauze ▪ Necrotizing fasciitis [[Stevens, 2005, 1384]] ▪ Wound infections caused by animal bites [[Stevens, 2005, 1387]] <ul style="list-style-type: none"> ▪ β-lactam/β-lactamase inhibitor ▪ Second-generation cephalosporins ▪ Carbapenems ▪ Duration of therapy varies by the severity ▪ Surgical site infections [[Stevens, 2005, 1378, 1393]] 	<ul style="list-style-type: none"> ▪ Table of treatments per infection ▪ Image of decubitus surgical site ▪ Image of diabetic foot being packed ▪ Image of healing necrotizing area ▪ Image of healing animal bite wound. ▪ Image of healing surgical site infection 	<ul style="list-style-type: none"> ▪ Uber Explore
	<p>Infectious Disease Specialist discusses potential complications with Medical student:</p> <ul style="list-style-type: none"> ▪ Potential complications <ul style="list-style-type: none"> ○ Cellulitis and erysipelas [[Stevens, 2005, 1382]] ○ Animal bite SSTIs [[Stevens, 2005, 1387]] 	<ul style="list-style-type: none"> ▪ Headshot of Infectious Disease Specialist. ▪ Headshot of Medical student. 	<ul style="list-style-type: none"> ▪ Dialog w/ Commentary
	<p>Medical student answers Attending Physicians question on discharge and stability:</p> <ul style="list-style-type: none"> ▪ There are no guidelines that state the ideal length of hospital stay. ▪ Patients should be discharged once they are clinically stable and able to tolerate oral medication 	<ul style="list-style-type: none"> ▪ Attending Physician removing bandages from foot. 	<ul style="list-style-type: none"> ▪ Text w/ Graphic
	<p>Attending Physician recommend treatment based on information Medical student provides on afternoon rounds.</p> <ul style="list-style-type: none"> ▪ Nafcillin until patient is a febrile and clinically improved, then convert to oral therapy (cloxacillin); usually Day 2 	<ul style="list-style-type: none"> • Headshot of Attending Physician. 	<ul style="list-style-type: none"> ▪ Perspective

Topic #5: Treatment and Complications			
Learning Objective	Key Takeaways	Image / Illustration Description	Proposed Page Type(s)
	<ul style="list-style-type: none"> Given description of surgical procedure identify which SSTI is being treated. 	<ul style="list-style-type: none"> N/A 	<ul style="list-style-type: none"> Drag Drop

Topic #6: Module Assessment			
Purpose	Key Takeaways	Image / Illustration Description	Proposed Page Type(s)
Allow learner to assess his / her understanding of the material covered in the module	<ul style="list-style-type: none"> Topics mastered / topics needed for review 	<ul style="list-style-type: none"> N/A 	<ul style="list-style-type: none"> Table Match

Topic #7: Module Summary			
Purpose	Key Takeaways	Image / Illustration Description	Proposed Page Type(s)
Reinforce key learning points and provide a printable summary	<ul style="list-style-type: none"> Summary of key takeaways 	<ul style="list-style-type: none"> N/A 	<ul style="list-style-type: none"> Module Summary (with Print functionality)

Module #3: Cost of Treatment

Module #3: Cost of Treatment			
Topic #1: Overview			
Purpose	Content	Image / Illustration Description	Proposed Page Type(s)
The Hook	<ul style="list-style-type: none"> ▪ Statement on cost implications of SSTIs. 	<ul style="list-style-type: none"> ▪ Headshot of Case Manager 	<ul style="list-style-type: none"> ▪ Perspective
Introduce the learner to the module	Learning objectives for the module: <ul style="list-style-type: none"> • List the DRG codes and reimbursement rates. 	<ul style="list-style-type: none"> ▪ Image of a patient having a drain removed from leg. 	<ul style="list-style-type: none"> ▪ Module objectives

Topic #2: Costs of Treatment			
Learning Objective	Key Takeaways	Image / Illustration Description	Proposed Page Type(s)
Learning Objective: List the DRG codes and reimbursement rates			
	<ul style="list-style-type: none"> ▪ Case Manager provides importance of associating right DRG codes to patients therapy (diagnosis, tests, and treatment) 	<ul style="list-style-type: none"> ▪ Headshot of Case Manager 	<ul style="list-style-type: none"> ▪ Perspective
	<ul style="list-style-type: none"> ▪ Medical student reviews DRG codes and their associated medical descriptions for the patient. <ul style="list-style-type: none"> ○ DRG code 271 skin ulcers ○ DRG code 272 skin disorders with CC ○ DRG code 277 cellulitis age >17 with CC ▪ Reimbursement data to be included 	<ul style="list-style-type: none"> ▪ Image of Hospital bill w/ DRG codes. Clickable codes for further learning on each. 	<ul style="list-style-type: none"> ▪ Document Explore
	<ul style="list-style-type: none"> ▪ Given profiled patient's medical bill associate the correct DRG code. 	<ul style="list-style-type: none"> ▪ N/A 	<ul style="list-style-type: none"> ▪ Match - Column

Topic #2: Costs of Treatment			
Learning Objective	Key Takeaways	Image / Illustration Description	Proposed Page Type(s)
	Final re-visit to our patient. <ul style="list-style-type: none"> ▪ Provide summary of entire process from presentation, exam, diagnosis, treatment. ▪ Final points on discharge, costs and code associated to the treatment of the patient. 	<ul style="list-style-type: none"> • Headshot of patient. • Medical student and Attending Physician talking outside patient's room. • Clinical Pharmacist filling script. • Patient having bandages removed. • Thumbnail of hospital bill. 	<ul style="list-style-type: none"> ▪ Slide Bar Explore
	<ul style="list-style-type: none"> ▪ Complete a sentence on the costs associated with SSTIs. 	<ul style="list-style-type: none"> ▪ N/A 	<ul style="list-style-type: none"> ▪ Fill In the Blank

Topic #3: Module Assessment			
Purpose	Key Takeaways	Image / Illustration Description	Proposed Page Type(s)
Allow learner to assess his / her understanding of the material covered in the module	<ul style="list-style-type: none"> ▪ Topics mastered / topics needed for review 	<ul style="list-style-type: none"> ▪ N/A 	<ul style="list-style-type: none"> ▪ Quick Check

Topic #4: Module Summary			
Purpose	Key Takeaways	Image / Illustration Description	Proposed Page Type(s)
Reinforce key learning points and provide a printable summary	<ul style="list-style-type: none"> ▪ Summary of key takeaways 	<ul style="list-style-type: none"> ▪ N/A 	<ul style="list-style-type: none"> ▪ Module Summary (with Print functionality)

Module #4: Final Assessment

Module #4: Final Assessment			
Topic #1: Overview			
Purpose	Content	Image / Illustration Description	Proposed Page Type(s)
Introduce the learner to the module	<ul style="list-style-type: none"> Overview of the final exam 	<ul style="list-style-type: none"> Thematic graphic TBD 	<ul style="list-style-type: none"> Text with Graphic

Topic #2: Final Assessment			
Purpose	Content	Image / Illustration Description	Proposed Page Type(s)
Assess learner mastery of course content	<ul style="list-style-type: none"> Instructions on how to take the assessment Assessment questions Assessment results 	<ul style="list-style-type: none"> N/A 	<ul style="list-style-type: none"> Assessment Introduction Assessment Questions Assessment Results

Topic #3: Suite Map			
Purpose	Content	Image / Illustration Description	Proposed Page Type(s)
Identify where in the curriculum learner is	<ul style="list-style-type: none"> summary of course list of courses in curriculum 	<ul style="list-style-type: none"> N/A 	<ul style="list-style-type: none"> Suite map