

CHAPTER 1

HISTORY AND CAREER OPPORTUNITIES







OUTLINE

MINDTAP ACTIVITIES

- I. EXPLAIN WHY AN UNDERSTANDING OF THE HISTORY OF NAIL TECHNOLOGY IS IMPORTANT TO FUTURE CAREER SUCCESS



Slides 1–4

-  Ch 1 Read: Chapter Learning Objectives
-  Ch 1 Do: Case Study
-  Ch 1 Read: Explain Why an Understanding of the History of Nail Technology Is Important to Future Career Success
-  Ch 1 Do: Why Study? Essay

- II. SUMMARIZE THE CULTURAL INFLUENCES OF NAIL TECHNOLOGY IN ANCIENT HISTORY



Slides 5–12

- A. Ancient Babylonia
- B. Ancient Egypt
- C. Ancient China
- D. Ancient Greece
- E. Ancient Rome
- F. The Middle Ages
- G. Ancient Inca
- H. The Renaissance
- I. The Victorian Age

-  Ch 1 Read: Summarize the Cultural Influences of Nail Technology in Ancient History
-  Ch 1 Do: Cultural Influences in Ancient History Matching

III. OUTLINE THE KEY MILESTONES OF THE HISTORY OF NAIL TECHNOLOGY IN THE TWENTIETH CENTURY



Slides 13–20

- A. 1900–1919
- B. 1920s
- C. 1930s
- D. 1940s
- E. 1950s
- F. 1960s
- G. 1970s
- H. 1980s
- I. 1990s

- Ch 1 Read: Outline the Key Milestones of the History of Nail Technology in the Twentieth Century
- Ch 1 Do: Key Milestones of the Twentieth Century Fill in the Blank

IV. DESCRIBE THE ADVANCEMENTS IN NAIL TECHNOLOGY IN THE TWENTY-FIRST CENTURY



Slides 21–27

- A. 2000–2009
- B. 2010–present

- Ch 1 Read: Describe the Advancements in Nail Technology in the Twenty-first Century
- Ch 1 Do: Twenty-first Century Nail Advancements True or False

V. COMPARE THE CAREER OPPORTUNITIES AVAILABLE TO LICENSED NAIL TECHNICIANS



Slides 28–35

- A. Nail Technician in a Traditional Salon or Spa
- B. Medical Nail Technician (MNT)/Advanced Nail Technician (ANT)
 - ANT
 - MNT







- Ch 1 Read: Compare the Career Opportunities Available to Licensed Nail Technicians
- Ch 1 Do: Nail Technician Career Opportunities Matching

- C. Salon Management
- D. Salon Educator
- E. Independent Educator
- F. Manufacturer's Educator
- G. Beauty School Instructor
- H. Distributor Sales Consultant (DSCs)
- I. Film/Editorial Nail Technician

VI. CHAPTER REVIEW



Slides 36–40

-  Ch 1 Do: Word Review
 -  Ch 1 Flashcards: Key Terms Review
 -  Ch 1 Discuss: Essential Discoveries
 -  Ch 1 Do: Prepare for Licensure
 -  Ch 1 Study Notes
 -  Ch 1 Do: Final Exam
-

CHAPTER 2

GENERAL ANATOMY AND PHYSIOLOGY



OUTLINE

MINDTAP ACTIVITIES

I. EXPLAIN HOW ANATOMY AND PHYSIOLOGY RELATE TO NAIL TECHNOLOGY



Slides 1–9

A. Define Anatomy, Physiology, and Histology

- **Anatomy**
- **Physiology**
- **Histology**

- 📖 Ch 2 Read: Chapter Learning Objectives
- ✅ Ch 2 Do: Case Study
- 📖 Ch 2 Read: Explain how Anatomy and Physiology Relate to Nail Technology
- ▶ Ch 2 Watch: Body System Basics
- ✅ Ch 2 Do: Why Study? Essay

II. DESCRIBE THE BASIC STRUCTURE AND FUNCTION OF A CELL



Slides 10–15

A. Basic Structure of the Cell

- **Protoplasm**
- **Nucleus**
- **Nucleoplasm**
- **Cytoplasm**
- **Mitochondria**
- **Adenosine triphosphate (ATP)**
- **Neurons**
- **Cell membrane**

B. Cell Reproduction and Division

- **Mitosis**

C. Cell Metabolism

- **Metabolism**
- **Anabolism**
- **Catabolism**

- 📖 Ch 2 Read: Describe the Basic Structure and Function of a Cell
- ▶ Ch 2 Watch: Cells
- ✅ Ch 2 Do: Structure of a Cell Image Labeling
- ✅ Ch 2 Do: Cell Function Matching

III. DESCRIBE THE FOUR TYPES OF TISSUE IN THE HUMAN BODY



Slides 16–18

- Tissue
- Connective tissue
- Epithelial tissue
- Muscle tissue
- Nerve tissue

Ch 2 Read: Describe the Four Types of Tissue in the Human Body

Ch 2 Do: Tissues Matching

IV. DEFINE THE FUNCTIONS OF THE BODY'S ORGANS IN THE BODY SYSTEMS



Slides 19–25

- Organ
- Body system
 - Circulatory
 - Digestive
 - Endocrine
 - Excretory
 - Integumentary
 - Lymphatic
 - Muscular
 - Nervous
 - Reproductive
 - Respiratory
 - Skeletal

Ch 2 Read: Define the Functions of the Body's Organs in the Body Systems

Ch 2 Do: Fill in the Blank

V. IDENTIFY THE FIVE FUNCTIONS OF THE SKELETAL SYSTEM



Slides 26–31

- Skeletal system
- Osteology

Ch 2 Read: Identify the Five Functions of the Skeletal System

Ch 2 Do: Arm Bone Image Labeling

Ch 2 Do: Leg Bone Image Labeling

Ch 2 Do: Skeletal System True or False

How is this important? Skeletal System

- Five primary functions of the skeletal system
- Joint
 - Movable
 - Immovable

A. Bones of the Arms and Hands

- **Humerus**
- **Ulna**
- **Radius**
- **Carpus**
- **Metacarpus**
- **Phalanges**

B. Bones of the Leg, Ankle, and Foot

- Bones of the leg
 - **Femur**
 - **Tibia**
 - **Fibula**
 - **Patella**
- Bones of the ankle
 - Tibia
 - Fibula
 - **Talus**
- Bones of the foot
 - **Tarsal**
 - **Metatarsal**
 - Phalanges

VI. RECOGNIZE THE VOLUNTARY MUSCLES INVOLVED IN THE NAIL SERVICE



Slides 32–41

- **Muscular system**

How is this important? Muscular System

- **Myology**
- Three types of muscular tissue
 - **Striated muscles**
 - **Nonstriated**
 - **Cardiac**
- Three parts of the muscle
 - **Origin**
 - **Insertion**
 - **Belly**
- Muscular tissue can be stimulated by:

A. Muscles that Attach the Arms to the Body

- **Latissimus dorsi**
- **Pectoralis major/pectoralis minor**
- **Serratus anterior**
- **Trapezius**

Ch 2 Read: Recognize the Voluntary Muscles Involved in the Nail Service

Ch 2 Do: Muscles of the Shoulders and Arms Matching

Ch 2 Do: Muscles of the Leg Image Labeling

Ch 2 Do: Muscles of the Foot Image Labeling

B. Muscles of the Shoulder and Arm

- Three muscles of shoulder and upper arm
 - **Bicep**
 - **Deltoid**
 - **Tricep**
- Forearm muscles (as a nail technician, you will be concerned with these)
 - **Extensor**
 - **Flexor**
 - **Pronator**
 - **Supinator**

C. Muscles of the Hand

- **Abductor**
- **Adductor**

D. Muscles of the Lower Leg and Foot

- Muscles of the lower leg
 - **Extensor digitorum longus**
 - **Tibialis anterior**
 - **Peroneus longus**
 - **Peroneus brevis**
 - **Gastrocnemius**
 - **Soleus**
- Muscles of the foot
 - **Flexor digiti minimi**
 - **Flexor digitorum brevis**
 - **Abductor hallucis**
 - **Abductor digiti minimi**

VII. NAME THE PARTS OF THE NERVOUS SYSTEM



Slides 42–49

- **Nervous system**

How is this important? Nervous System

A. Divisions of the Nervous System

- **Three main subdivisions**
 - **Central nervous system (CNS)**
 - **Peripheral nervous system**
 - **Autonomic nervous system**



 Ch 2 Read: Name the Parts of the Nervous System

 Ch 2 Do: Nerves of the Arm and Hand Matching

 Ch 2 Do: Nerves of the Leg and Foot Matching

- B. The Brain and Spinal Cord
 - **Brain**
 - **Spinal cord**
- C. Nerve Cell Structure and Function
 - **Dendrite**
 - Axon and axon terminal
 - **Nerves**
- D. Types of Nerves
 - **Sensory nerves**
 - **Motor nerves**
 - **Reflex**
- E. Nerves of the Arm and Hand
 - **Digital nerve**
 - **Radial nerve**
 - **Median nerve**
 - **Ulnar nerve**
- F. Nerves of the Lower Leg and Foot
 - **Tibial nerve**
 - **Common peroneal nerve**
 - **Deep peroneal nerve**
 - **Superficial peroneal nerve**
 - **Dorsal nerve**
 - **Saphenous nerve**
 - **Sural nerve**

VIII. RECOGNIZE HOW THE CIRCULATORY SYSTEM AFFECTS THE SKIN OF THE HANDS AND FEET

-  Ch 2 Read: Recognize How the Circulatory System Affects the Skin of the Hands and Feet
-  Ch 2 Do: Circulatory System True or False



Slides 50–60

- **Circulatory system**
- Two divisions of the circulatory system
 - **Blood vascular system**
 - **Lymph vascular system**
 - **Lymph nodes**
 - **Lymph**

Why Is This Important? Circulatory System

A. The Heart

- **Heart**
- **Pericardium**
- Interior of the heart
 - **Atrium** (right and left)
 - **Ventricle** (right and left)
 - **Valve**
- Two circulation systems
- **Pulmonary circulation**
- **Systemic circulation**
- Overview of how these systems work

B. Blood Vessels

- **Arteries**
 - **Aorta**
- **Capillaries**
- **Veins**

C. The Blood

1. Composition of the Blood

- **Red blood cells**
 - **Hemoglobin**
- **White blood cells**
- **Platelets**
- **Plasma**

2. Chief Functions of the Blood

D. Blood Supply to the Arm and Hand

- **Ulnar artery**
- **Radial artery**

E. Blood Supply to the Lower Leg and Foot

- **Popliteal artery**
- **Anterior tibial artery**
- **Posterior tibial artery**
- **Dorsalis pedis artery**


IX. DESCRIBE THE PRIMARY FUNCTIONS OF THE LYMPHATIC/IMMUNE SYSTEM



Slides 61–63

- **Lymphatic/immune system**
- **Lymph**
- **Interstitial fluids**

 Ch 2 Read: Describe the Primary Functions of the Lymphatic/Immune System

 Ch 2 Do: Lymphatic Fill in the Blank

Why Is This Important? Lymphatic System

- **Lymph capillaries**
- Lymph nodes
- Primary functions

X. IDENTIFY THE GLANDS THAT MAKE UP THE ENDOCRINE SYSTEM



Slides 64–68

- **Endocrine system**
- **Glands**

Why Is This Important? Endocrine System

- Two types of glands
 - **Exocrine glands**
 - **Endocrine glands**
 - **Pineal gland**
 - **Pituitary gland**
 - **Thyroid gland**
 - **Parathyroid glands**
 - **Pancreas**
 - **Adrenal glands**
 - **Ovaries/testes**

 Ch 2 Read: Identify the Glands that Make up the Endocrine System

 Ch 2 Do: Endocrine System

XI. OUTLINE THE ORGANS IN DIGESTION




Slides 69–71

- **Digestive system**

Why Is This Important? Digestive System

- **Digestive enzymes**
- Organs that play a crucial role in the digestive system

 Ch 2 Read: Outline the Organs in Digestion

 Ch 2 Do: Digestion True or False

XII. LIST THE FIVE ORGANS THAT MAKE UP THE EXCRETORY SYSTEM




Slides 72–74

- **Excretory system**

Why Is This Important? Excretory System

- Five organs that play a crucial role in the excretory system

 Ch 2 Read: List the Five Organs that Make up the Excretory System

 Ch 2 Do: Excretory System True or False

XIII. DESCRIBE WHAT OCCURS DURING INHALATION AND EXHALATION



Slides 75–77

- Respiratory system
- Respiration
- Lungs
- Diaphragm
- Thorax
- Inhalation
- Exhalation

- Ch 2 Read: Describe What Occurs During Inhalation and Exhalation
- Ch 2 Do: Respiration Matching

Why Is This Important? Respiratory System

XIV. DEFINE THE INTEGUMENTARY SYSTEM



Slides 78–80

Why Is This Important? Integumentary System

- Ch 2 Read: Define the Integumentary System
- Ch 2 Do: Integumentary System

XV. DEFINE THE REPRODUCTIVE SYSTEM



Slides 81–83

- Ch 2 Read: Define the Reproductive System
- Ch 2 Do: Reproductive System Essay

XVI. CHAPTER REVIEW



Slides 84–91

- Ch 2 Do: Word Review
 - Ch 2 Flashcards: Key Terms Review
 - Ch 2 Discuss: Essential Discoveries
 - Ch 2 Do: Prepare for Licensure
 - Ch 2 Study Notes
 - Ch 2 Do: Final Exam
-

CHAPTER 3

SKIN STRUCTURE, DISORDERS, AND DISEASES



OUTLINE

MINDTAP ACTIVITIES

I. EXPLAIN WHY KNOWLEDGE OF SKIN STRUCTURES, DISORDERS, AND DISEASES IS VALUABLE FOR A NAIL TECHNICIAN



Slides 1–5

- **Dermatology**
- **Dermatologist**

- 📖 Ch 3 Read: Chapter Learning Objectives
- ✅ Ch 3 Do: Case Study
- 📖 Ch 3 Read: Explain Why Knowledge of Skin Structure, Disorders, and Diseases is Valuable for a Nail Technician
- ▶ Ch 3 Watch: Face to Face with Skin Disorders and Diseases
- ✅ Ch 3 Do: Why Study? Essay

II. LABEL THE MAIN LAYERS, SUBLAYERS, NERVES, AND GLANDS OF THE SKIN



Slides 6–22

- Integumentary system
- **Callus**

A. The Epidermis

1. **Stratum corneum** (horny layer)
 - **Keratin**
2. **Stratum lucidum**
3. **Stratum granulosum** (grainy layer)
4. **Stratum spinosum** (spiny layer)
5. **Stratum germinativum** (basal layer)
 - **Melanocytes**
 - **Melanosomes**
6. Skin color
 - **Pheomelanin**
 - **Eumelanin**

- 📖 Ch 3 Read: Label the Main Layers, Sublayers, Nerves, and Glands of the Skin
- ▶ Ch 3 Watch: Skinny on Skin
- ✅ Ch 3 Do: Layers of the Skin Image Labeling
- ✅ Ch 3 Do: Epidermis and Dermis Fill in the Blank
- ✅ Ch 3 Do: Glands of the Skin Matching

B. The Dermis

- Arrector pili muscles
- Papillae

a. **Papillary layer**

- Dermal **papillae**
- **Tactile corpuscles**

b. **Reticular layer**

C. The Subcutaneous Layer

D. Nerves of the Skin

- **Motor nerve fibers**
- **Sensory nerve fibers**
- **Secretory nerve fibers**

E. Sense of Touch

F. Strength and Flexibility of the Skin

- **Collagen**
- **Elastin**

G. Glands of the Skin

1. The sudoriferous glands

- **Apocrine glands**
- **Eccrine glands**

2. Sebaceous (oil) glands

- **Barrier function**
- **Comedo**
- **Acne papule/pustule**

H. How the Skin Is Nourished

- **Lymph**

III. DESCRIBE THE SIX PRIMARY FUNCTIONS OF THE SKIN

**Slides 23–27**

A. Protection

B. Sensation

C. Heat Regulation

D. Excretion

E. Secretion

F. Absorption

 Ch 3 Read: Describe the Six Primary Functions of the Skin

 Ch 3 Do: Functions of the Skin Essay

IV. OUTLINE THE APPROACHES TO MAINTAINING HEALTHY SKIN



Slides 28–33

A. Basic Nutrition for Skin

- **Vitamin A**
- **Vitamin C**
- **Vitamin D**
- **Vitamin E**
- **Vitamin K**
- **Vitamin B**

B. Water and the Skin

 Ch 3 Read: Outline the Five Approaches to Maintaining Healthy Skin

 Ch 3 Do: Nutrition for Healthy Skin Matching

V. DESCRIBE HOW ENVIRONMENTAL AND LIFESTYLE FACTORS CAN CONTRIBUTE TO THE AGING OF THE SKIN



Slides 34–42

A. The Effects of the Sun

- **Esthetician**

B. Skin Aging and the Environment

- **Adverse skin reactions**

C. The Fitzpatrick Scale

- **Type 1**
- **Type 2**
- **Type 3**
- **Type 4**
- **Type 5**
- **Type 6**

D. Aging and Lifestyle

 Ch 3 Read: Describe How Environmental and Lifestyle Factors can Contribute to the Aging of the Skin

 Ch 3 Do: Fitzpatrick Scale Matching

VI. IDENTIFY THE SYMPTOMS OF THE MOST COMMON SKIN DISORDERS AND DISEASES




Slides 43–58

A. Skin Lesions

 Ch 3 Read: Identify the Symptoms of the Most Common Skin Disorders and Diseases

 Ch 3 Do: Primary and Secondary Lesions Matching

 Ch 3 Do: Disorders of the Skin All That Apply

B. Primary Lesions

- **Bulla**
- **Cyst** and **tubercle**
- **Macule**
- **Nodule**
- **Papule**
- **Pustule**
- **Tumor**
- **Vesicle**
- **Wheal**

C. Secondary Lesions

- **Crust**
- **Excoriation**
- **Fissure**
- **Keloid**
- **Scale**
- **Scar** or cicatrix
- **Ulcer**

D. Disorders of the Sudoriferous Glands

- **Anhidrosis**
- **Bromhidrosis**
- **Hyperhidrosis**
- **Miliaria rubra**

E. Skin Inflammations

- **Dermatitis**
- **Eczema**
- **Cellulitis**
- **Psoriasis**

F. Pigmentation Disorders

- **Albinism**
- **Chloasma**
- **Lentigenes**
- **Leukoderma**
- **Nevus**
- **Port-wine stain**
- **Tan**
- **Vitiligo**

G. Skin Cancer

- Normal **moles**
- **Basal cell carcinoma**
- **Squamous cell carcinoma**
- **Malignant melanoma**
- American Cancer Society

- A. Asymmetry
- B. Border irregularity
- C. Color
- D. Diameter
- E. Evolution

H. Infectious Skin Disorders

- **Herpes simplex**
- **Verruca**
- **Tinea manus**
- **Tinea pedis**

VII. DESCRIBE HOW TO PREVENT THE MOST COMMON SKIN-RELATED PROBLEMS IN THE SALON



Slides 59–67

A. Dermatitis

- **Contact dermatitis**
- **Irritant contact dermatitis**
- **Histamine**
- **Allergic contact dermatitis**

1. Prolonged or repeated contact risks
2. Improper product consistency


- **Initiator**
- Causes for UV cells to improperly cure


B. Undercuring UV or LED Gel Enhancements

- UV or LED gel services can cause irritation or allergic reaction

C. Protect Yourself

- **Overexposure**

 Ch 3 Read: Describe How to Prevent the Most Common Skin-Related Problems in the Salon

 Ch 3 Do: Skin Problems and Prevention in the Salon Essay

VIII. CHAPTER REVIEW



Slides 68–74


 Ch 3 Do: Word Review

 Ch 3 Flashcards: Key Terms Review

 Ch 3 Discuss: Essential Discoveries

 Ch 3 Do: Prepare for Licensure

 Ch 3 Study Notes

 Ch 3 Do: Final Exam

CHAPTER 4

NAIL STRUCTURE, DISORDERS, AND DISEASES



OUTLINE

MINDTAP ACTIVITIES

I. EXPLAIN WHY YOU SHOULD LEARN ABOUT NAIL STRUCTURE, DISORDERS, AND DISEASES



Slides 1–5

- **Natural nail**

- 📖 Ch 4 Read: Chapter Learning Objectives
- ✅ Ch 4 Do: Case Study
- 📖 Ch 4 Read: Explain Why You Should Learn about Nail Structure, Disorders, and Diseases
- ▶ Ch 4 Watch: When to Bail on the Nail
- ✅ Ch 4 Do: Why Study? Essay

II. DEFINE THE NATURAL NAIL UNIT



Slides 6–8

- **Natural nail unit**
- **Onyx**
- Normal, healthy nail

- 📖 Ch 4 Read: Define the Natural Nail Unit
- ✅ Ch 4 Do: Natural Nail True or False

III. LABEL THE STRUCTURE OF THE NAIL



Slides 9–20

A. Nail Folds

- **Nail folds**
- **Nail groove**
- **Lateral nail fold/ sidewall**

B. Proximal Nail Fold (PNF)

C. Nail Plate

- **Nail plate**
- **Free edge**

D. Nail Bed

- **Nail bed**
- **Bed epithelium**

E. Matrix

- **Matrix**
- **Lunula**

- 📖 Ch 4 Read: Label the Structure of the Nail
- ✅ Ch 4 Do: Nail Structure Image Labeling
- ✅ Ch 4 Do: Parts of the Nail Fill in the Blank

F. Cuticle

- Cuticle

G. Eponychium

- Eponychium
- Doug Schoon 2019 research
- Differences between the cuticle and the eponychium checklist

H. Hyponychium

- Hyponychium

I. Specialized Ligaments

- Ligament

IV. DESCRIBE THE FACTORS THAT AFFECT NAIL GROWTH



Slides 21–24

A. Nail Plate Malformation

Ch 4 Read: Describe the Factors that Affect Nail Growth

Ch 4 Do: Factors that Affect Nail Growth True or False

Ch 4 Do: Nail Growth and Malformation True or False

V. IDENTIFY UNHEALTHY CONDITIONS OF THE NAIL



Slides 25–39

A. Nail Disorders

- Beau's lines
- Bruised nail bed
- Discolored nail
- Eggshell nail
- Hangnail
- Infected finger
- Leukonychia
- Melanonychia
- Nail psoriasis
- Nail pterygium
- Onychophagy
- Onychorrhexis
- Pincer nail or trumpet nail
- Plicatured nail or folded nail
- Ridged nail
- Splinter hemorrhage

Ch 4 Read: Identify Unhealthy Conditions of the Nail

Ch 4 Watch: Emails on Nails

Ch 4 Do: Diseases and Disorders of the Nail True or False

B. Nail Infections

C. Diseases of the Nail

- Onycholysis
- Onychocryptosis
- Onychomadesis
- Onychomycosis
- Onychosis
- Paronychia
- *Pseudomonas aeruginosa*
- Pyogenic granuloma
- Tinea pedis

VI. OUTLINE THE SCOPE OF PRACTICE FOR YOUR LICENSE RELATED TO NAIL STRUCTURE, DISORDERS, AND DISEASES



Slides 40–43

- 📖 Ch 4 Read: Outline the Scope of Practice for your License Related to Nail Structure, Disorders, and Diseases
- ✅ Ch 4 Do: Scope of Practice

VII. CHAPTER REVIEW



Slides 44–50

- ✅ Ch 4 Do: Word Review
 - ✅ Ch 4 Flashcards: Key Terms Review
 - 💬 Ch 4 Discuss: Essential Discoveries
 - ✅ Ch 4 Do: Prepare for Licensure
 - 📖 Ch 4 Study Notes
 - ✅ Ch 4 Do: Final Exam
-

CHAPTER 5

NAIL PRODUCT CHEMISTRY








OUTLINE

MINDTAP ACTIVITIES

I. EXPLAIN WHY YOU NEED TO LEARN ABOUT NAIL PRODUCT CHEMISTRY



Slides 1–5

-  Ch 5 Read: Chapter Learning Objectives
-  Ch 5 Do: Case Study
-  Ch 5 Read: Explain Why You Need to Learn About Nail Product Chemistry
-  Ch 5 Watch: Nail Product Chemistry
-  Ch 5 Do: Why Study? Essay

II. OUTLINE THE DIFFERENCE IN BEHAVIOR AMONG GASES, VAPORS, AND FUMES







Slides 6–8

- **Chemical**

A. Gases, Vapors, and Fumes

- **Gas**
- **Vapors**
- **Fumes**

-  Ch 5 Read: Outline the Difference in Behavior Among Gases, Vapors, and Fumes
-  Ch 5 Watch: Basic Chemistry
-  Ch 5 Do: Gases, Vapors, and Fumes Matching
-  Ch 5 Do: Gases, Vapors, and Fumes True or False

III. DESCRIBE THE FUNCTION OF ADHESION, ADHESIVES, AND PRIMERS IN NAIL PRODUCTS





Slides 9–12

A. Adhesion

B. Adhesives

C. Nail Primer

- Physical bond
- Chemical bond
- **Corrosive**
- Noncorrosive primers

-  Ch 5 Read: Describe the Function of Adhesion, Adhesives, and Primers in Nail Products
-  Ch 5 Do: Adhesive and Primer Fill in the Blank

IV. DEFINE THE CHEMISTRY BEHIND THE ADHESION OF NAIL ENHANCEMENTS



Slides 13–17

- Filing the natural nail
- **Over-filing**
- Newer UV gel manicures

 Ch 5 Read: Define the Chemistry Behind the Adhesion of Nail Enhancements

 Ch 5 Do: The Chemistry of Adhesion True or False

V. COMPARE NAIL COATING PRODUCTS IN TERMS OF THEIR CHEMICAL OR PHYSICAL REACTION



Slides 18–30

- **Coatings**

A. Monomers and Polymers

- **Polymers**
- **Monomers**

B. Understanding Polymerization

- Initiator molecules
- **Thermal initiators**
- **Photoinitiators**
- **Catalyst**
- **Oligomer**

C. Simple Versus Cross-Linking Polymer Chains

- **Simple polymer chains**
- **Cross-linker**
- **Acrylics**
- **Methacrylates**
- **Acrylates**
- **Cyanoacrylates**
- **Methyl methacrylate monomer (MMA)**

D. Evaporation Coatings

- **Plasticizers**
- **UV stabilizers**

E. “Better for the Nail” Claims

F. Protect Yourself

 Ch 5 Read: Compare Nail Coating Products in Terms of their Chemical or Physical Reaction

 Ch 5 Do: Monomers and Polymers Matching

 Ch 5 Do: Coatings True or False

VI. DESCRIBE HOW TO MINIMIZE EXPOSURE TO HARMFUL SUBSTANCES



Slides 31–36


- **Overexposure**
- **Toxicity**

A. Preventing Inhalation Overexposure

- Proper ventilation

B. Masks

 Ch 5 Reading: Describe How to Minimize Exposure to Harmful Substances


 Ch 5 Do: Overexposure Prevention Essay


VII. CHAPTER REVIEW




Slides 37–43


 Ch 5 Do: Word Review

 Ch 5 Flashcards: Key Terms Review

 Ch 5 Discuss: Essential Discoveries

 Ch 5 Do: Prepare for Licensure

 Ch 5 Study Notes

 Ch 5 Do: Final Exam

CHAPTER 6

MANICURING








OUTLINE

MINDTAP ACTIVITIES

I. EXPLAIN WHY YOU SHOULD LEARN ABOUT MANICURING



Slides 1–7

-  Ch 6 Read: Chapter Learning Objectives
-  Ch 6 Do: Case Study
-  Ch 6 Read: Explain Why You Should Learn About Manicuring
-  Ch 6 Watch: An Introduction to the Creative World of Manicuring
-  Ch 6 Do: Why Study? Essay

II. LIST THE SERVICES THAT ARE INCLUDED IN YOUR STATE'S SCOPE OF PRACTICE FOR NAIL TECHNICIANS



Slides 8–10

- **Scope of practice (SOP)**




-  Ch 6 Read: List the Services that are Included in Your State's Scope of Practice for Nail Technicians
-  Ch 6 Do: Scope of Practice

III. DESCRIBE THE EQUIPMENT NEEDED TO PERFORM NAIL SERVICES



Slides 11–26

- A. Manicure Table
 - **Implements**
- B. Adjustable Lamp
- C. Chairs
 - Nail technician chair
 - Client's chair
- D. Finger Bowl
- E. Disinfection Container
 - **Service sets**
- F. Client's Arm Cushion
- G. Service Cushion
- H. Gauze and Cotton Wipe Container

-  Ch 6 Read: Describe the Equipment Needed to Perform Nail Services
-  Ch 6 Do: Equipment True or False
-  Ch 6 Do: It's Electric True or False

- I. Covered Trash Containers
- J. Supply Tray
- K. Electric Nail Polish Dryer
- L. UV or LED Light Units
- M. Autoclave
 - 1. Sterilizers (Say No to Sterilizers)
- N. Electric Hand/Foot Mitts
- O. Terry Cloth Mitts
- P. Paraffin Treatment
- Q. Ventilation System
 - Local source-capture ventilation systems
 - Ventilated tables with filters
 - Portable downdraft vent machines

IV. LIST TYPES OF MULTIUSE AND SINGLE-USE IMPLEMENTS USED DURING NAIL SERVICES



Slides 27–32

- **Multiuse implements**
- **Single-use implements**

A. Types of Multiuse Implements

- 1. Metal pusher
 - Holding the pusher
- 2. Nail nippers
 - Holding the nippers
- 3. Tweezers
- 4. Nail clippers
 - Using the nail clippers

B. Single-Use Implements

- 1. Brushes and applicators
 - The exception
- 2. Wooden pusher
 - Holding the wooden pusher
 - Proper use

-  Ch 6 Read: List the Types of Multiuse and Single-Use Implements Used During Nail Services
-  Ch 6 Do: Implement Matching
-  Ch 6 Do: Implements for Service Fill in the Blank

3. Nail brushes
 - Natural hair brushes
 - Synthetic “hair” brushes
 - Exception to rule
4. Disposable product application brushes

V. DESCRIBE THE MATERIALS USED DURING NAIL SERVICES



Slides 33–42

 Ch 6 Read: Describe the Materials Used During Nail Services

 Ch 6 Do: Abrasives Essay

 Ch 6 Do: Materials Fill in the Blank


- A. Gloves
 - Personal protective equipment (PPE)
 - Single-use equipment
 - Removing gloves
 - Multiple services on the same client
 - B. Dust Mask
 - C. Abrasive Nail Files and Buffers
 - Single use
 - Exceptions
 - Grits
 - **Coarse-grit abrasive**
 - **Medium-grit abrasives**
 - **Fine-grit abrasives**
 - D. Two-Way or Three-Way Buffer
 - Proper use
 - Single use
 - E. Single-Use or Terry Cloth Towels
 - Cloth towels versus paper towels
 - Use
 - F. Gauze, Cotton Balls, Pledgets, or Plastic-Backed Pads
 - Gauze square/pledgets
 - G. Plastic, Wooden, or Metal Spatulas
-

VI. EXPLAIN THE USES OF PROFESSIONAL NAIL PRODUCTS



Slides 43–55

- A. Soap
- B. Polish Remover
 - **Acetone**
 - Acetone-based
 - Non-acetone-based
 - Proper use
 - Proper disposal
- C. Nail Creams, Lotions, and Oils
 - **Nail creams**
 - **Nail oils**
- D. Cuticle Removers
- E. Colored Polish, Enamel, Lacquer, or Varnish
 - Polish
 - Application
- F. Gel Polish
 - 1. Hybrid gels
- G. Base Coat
- H. Nail Hardener
 - **Protein hardener**
 - Other hardeners
 - Ingredients
 - Product use
 - **Dimethyl urea hardeners**
- I. Topcoat
 - 1. Fast-dry topcoat
- J. Nail Polish Dryer Products
- K. Hand Creams and Lotions
- L. Nail Conditioners
- M. Sunscreens

 Ch 6 Read: Explain the Uses of Professional Nail Products

 Ch 6 Do: Nail Product Multiple Choice

 Ch 6 Do: At-Home Maintenance Essay

VII. DEMONSTRATE THE BASIC MANICURE TECHNIQUE



Slides 56–63

- **Manicure**

A. Three-Part Procedure

1. Pre-Service Procedure
2. Service Procedure
3. Post-Service Procedure

B. Hand Washing

PERFORM Procedure 5–1: Proper Hand Washing in *Milady Standard Foundations*.

1. Hand sanitizer

C. The Manicure Consultation

- Client consultation form
- The nail consultation
- Considerations

D. Basic Nail Shapes

- Five basic nail shapes
 - Square
 - Squoval or soft square
 - Round
 - Oval
 - Pointed or stiletto

- 📖 Ch 6 Read: Demonstrate the Basic Manicure Technique
- ✅ Ch 6 Do: Pre-Service Procedure Fill in the Blank
- ✅ Ch 6 Do: Post-Service Procedure Fill in the Blank

PERFORM Procedure 6–1:
Pre-Service Procedure.

Refer to *Procedures* folder:

- 📖 Ch 6 Read: Procedure 6–1:
Pre-Service Procedure
- ▶ Ch 6 Watch: Pre-Service Procedure
- ✅ Ch 6 Do: Download Rubrics

PERFORM Procedure 6–3: Performing a Basic Manicure.

Refer to *Procedures* folder:

- 📖 Ch 6 Read: Procedure 6–3: Performing a Basic Manicure
- ▶ Ch 6 Watch: Manicuring
- ✅ Ch 6 Do: Download Rubrics

PERFORM Procedure 6–2:
Post-Service Procedure.

Refer to *Procedures* folder:

- 📖 Ch 6 Read: Procedure 6–2: Post-Service Procedure
- ▶ Ch 6 Watch: Post-Service
- ✅ Ch 6 Do: Download Rubrics

VIII. OUTLINE THE STEPS IN THE APPLICATION OF NAIL POLISH






Slides 64–69

- A. Choose a Nail Color
- B. The Polish Application
 - Four coats
 - Application technique
 - Multiple layers

-  Ch 6 Read: Outline the Steps in the Application of Nail Polish
-  Ch 6 Do: Polish Application Fill in the Blank

PERFORM Procedure 6–4: Polishing the Nails.

Refer to *Procedures* folder:

-  Ch 6 Read: Procedure 6–4: Polishing the Nails
-  Ch 6 Watch: Polishing the Nails
-  Ch 6 Do: Download Rubrics

IX. DESCRIBE HOW TO APPROACH A MEN'S MANICURE SERVICE



Slides 70–73

- A. Men's Nail Shapes
- B. Men's Massage
- C. Men's Color Selection

-  Ch 6 Read: Describe How to Approach a Man's Manicure Service
-  Ch 6 Do: Men's Manicure True or False

X. DEMONSTRATE THE MASSAGE TECHNIQUES FOR THE NAIL PROFESSIONAL






Slides 74–78

- **Massage**
- Optional or included in the service
- A. Pre-Massage Considerations
 - Clients with high blood pressure
 - Clients with arthritis
- B. General Movements for Massage
 - **Effleurage**
 - **Pétrissage**
 - **Tapotement**
 - **Vibration**
 - **Friction**
 - When to massage
 - After the massage

-  Ch 6 Read: Demonstrate the Massage Techniques for the Nail Professional
-  Ch 6 Do: General Movements Matching

PERFORM Procedure 6–5: Hand and Arm Massage.

Refer to *Procedures* folder:

-  Ch 6 Read: Procedure 6–5: Hand and Arm Massage
-  Ch 6 Watch: Hand and Arm Massage
-  Ch 6 Do: Download Rubrics

XI. COMPARE THE PROCESS OF A SPA MANICURE AND A BASIC MANICURE





Slides 79–84

- Designed for relaxation
- Results-oriented spa manicures
- Chemical-free/all-natural products
- Additional techniques

A. Theme Manicures

B. The Waterless Manicure

-  Ch 6 Read: Compare the Process of a Spa Manicure and a Basic Manicure
-  Ch 6 Do: Spa Manicure Essay

XII. IDENTIFY THE BENEFITS AND INFECTION CONTROL PRACTICES OF PARAFFIN WAX TREATMENTS FOR CLIENTS



Slides 85–90

- **Paraffin**

A. Paraffin Application Cautions

B. Paraffin Application



- Application methods
 - Plastic bag application
 - Cheesecloth or paper towel application
 - Spray paraffin
 - One-time-use gloves
 - Painted on paraffin

C. Before a Manicure

- Advantages
- Disadvantage

D. During a Manicure

E. Stand-Alone Service

-  Ch 6 Read: Identify the Benefits and Best Infection Control Practices for Paraffin Wax Treatments
-  Ch 6 Do: Paraffin Wax True or False

XIII. DESCRIBE APPROACHES TO PERSONAL MANICURES THAT ARE SENSITIVE TO CLIENTS WITH SPECIAL HEALTH CONSIDERATIONS



Slides 91–93

- During the consultation
- Medical considerations
 - Limited mobility clients
 - Clients who experience involuntary movement
 - Clients with altered vision
 - Clients with painful joints
 - Clients with caregivers
 - Clients with lowered immunity

A. Tools and Implements

B. Paraffin

C. Massage

 Ch 6 Read: Describe Approaches to Personal Manicures that are Sensitive to Clients with Special Health Considerations

 Ch 6 Do: All Clients Essay

XIV. MANICURING PROCEDURES

Refer to *Procedures* folder:

 Ch 6 Do: Download Rubrics

XV. CHAPTER REVIEW



Slides 94–100


 Ch 6 Do: Word Review

 Ch 6 Flashcards: Key Terms Review

 Ch 6 Discuss: Essential Discoveries

 Ch 6 Do: Prepare for Licensure

 Ch 6 Study Notes

 Ch 6 Do: Final Exam

CHAPTER 7

PEDICURING



OUTLINE

MINDTAP ACTIVITIES

I. EXPLAIN WHY YOU SHOULD LEARN ABOUT PEDICURING SERVICES



Slides 1–6

- **Pedicure**

- 📖 Ch 7 Read: Chapter Learning Objectives
- ✅ Ch 7 Do: Case Study
- 📖 Ch 7 Read: Explain Why You Should Learn About Pedicuring Services
- ✅ Ch 7 Do: Why Study? Essay

II. DESCRIBE THE EQUIPMENT NEEDED TO PERFORM PEDICURING SERVICES



Slides 7–18

- A. Pedicure Station
- B. Pedicure Stool and Footrest
- C. Types of Pedicure Footbaths
 - Soak bath
 - Basin soak bath
 - Portable pedicure unit
 - Whirlpool bath (pedicure chairs)
- D. Pedicure Cart
- E. Electric Foot Mitts
 - **Mask**
- F. Terry Cloth Mitts
- G. Paraffin Treatment
- H. Hot Stones
 - **Methicillin-resistant *Staphylococcus aureus* (MRSA)**

- 📖 Ch 7 Read: Describe the Equipment Needed to Perform Pedicuring Services
- ✅ Ch 7 Do: Pedicuring Equipment Fill in the Blank

III. LIST THE TYPES OF MULTIUSE AND SINGLE-USE IMPLEMENTS AND MATERIALS USED FOR PEDICURING SERVICES



Slides 19–27

- A. Toenail Clippers
- B. Toenail Nippers
- C. Curette
- D. Nail Rasp
- E. Pedicure Nail File
- F. Foot File
- G. Materials
 - 1. Toe separator
 - 2. Pedicure slippers
 - 3. Gloves

Ch 7 Read: List the Types of Multiuse and Single-Use Implements and Materials Used for Pedicuring Services

Ch 7 Do: Pedicuring Implements and Materials Fill in the Blank

IV. EXPLAIN THE USES OF PROFESSIONAL PEDICURE PRODUCTS



Slides 28–32

- A. Foot Soak
- B. Exfoliating Scrub
- C. Mask
- D. Foot Lotion or Cream
- E. Callus Softener

Ch 7 Read: Explain the Uses of Professional Pedicure Products

Ch 7 Do: Pedicure Procedure Fill in the Blank

Ch 7 Do: Product True or False

PERFORM Procedure 7–1:
Performing a Basic Pedicure.

Refer to *Procedures* folder:

Ch 7 Read: Procedure 7–1: Performing a Basic Pedicure

Ch 7 Watch: Procedure 7–1: Basic Pedicure

Ch 7 Do: Download Rubrics

V. OUTLINE THE STEPS NEEDED TO ESTABLISH A PEDICURE BUSINESS



Slides 33–44

- A. Choosing Pedicure Products
- B. Service Menu
- C. Interaction During the Service
- D. Scheduling
- E. Designing the Services
- F. Staying on Schedule
- G. Series Pedicure
- H. Servicing Elderly Clients
- I. Selling Pedicures

- Ch 7 Read: Outline the Steps Needed to Establish a Pedicure Business
- Ch 7 Do: Pedicuring True or False

VI. IDENTIFY THE BENEFITS OF A PEDICURE MESSAGE



Slides 45–50

- A. Holding the Foot During the Massage

- Ch 7 Read: Identify the Benefits of a Pedicure Massage
- Ch 7 Do: Foot Massage Fill in the Blank
- Ch 7 Do: Foot and Leg Massage True or False

PERFORM Procedure 7–2: Foot and Leg Massage.

- Refer to *Procedures* folder:
- Ch 7 Read: Procedure 7–2: Foot and Leg Massage
 - Ch 7 Watch: Foot and Leg Massage
 - Ch 7 Do: Download Rubrics

- B. Reflexology

VII. DESCRIBE APPROACHES TO PERSONAL PEDICURES THAT ARE SENSITIVE TO CLIENTS WITH SPECIAL HEALTH CONSIDERATIONS



Slides 51–56

- Clients with limited mobility
- Clients who experience involuntary movement

- Ch 7 Read: Describe Approaches to Personal Pedicures that are Sensitive to Clients with Special Health Considerations
- Ch 7 Do: Client Essay

- Clients with altered vision
- Clients with painful joints
- Clients with caregivers
- Clients with lowered immunity

- A. Remember to Floss
- B. Tools and Implements
- C. Paraffin
- D. Massage

VIII. DISCUSS THE IMPORTANCE OF FOLLOWING DISINFECTION PRACTICES AFTER EACH PEDICURE SERVICE



Slides 57–63

- Ch 7 Read: Discuss the Importance of Following Disinfection Practices after Each Pedicure Service
- Ch 7 Do: Disinfecting Foot Basins

PERFORM Procedure 7–3: Cleaning and Disinfecting Whirlpool, Air-Jet, and Pipeless Foot Spas.

- Refer to *Procedures* folder:
- Ch 7 Read: Procedure 7–3 Cleaning and Disinfecting Whirlpool, Air-Jet, and Pipeless Foot Spas
 - Ch 7 Do: Download Rubrics

PERFORM Procedure 7–4: Cleaning and Disinfecting Basic Foot Basins or Tubs.

- Refer to *Procedures* folder:
- Ch 7 Read: Procedure 7–4: Cleaning and Disinfecting Basic Foot Basins or Tubs
 - Ch 7 Watch: Disinfecting Foot Spas or Basins
 - Ch 7 Do: Download Rubrics

IX. PEDICURING PROCEDURES

- Refer to *Procedures* folder:
- Ch 7 Do: Download Rubrics

X. CHAPTER REVIEW



Slides 64–70

- Ch 7 Do: Word Review
- Ch 7 Flashcards: Key Terms Review
- Ch 7 Discuss: Essential Discoveries
- Ch 7 Do: Prepare for Licensure
- Ch 7 Study Notes
- Ch 7 Do: Final Exam

CHAPTER 8

ELECTRIC FILING



OUTLINE

MINDTAP ACTIVITIES

I. EXPLAIN THE IMPORTANCE OF ELECTRIC FILING FOR THE NAIL TECHNICIAN



Slides 1–5

- Electric files are a useful tool
- Additional training
- Thorough understanding needed

- 📖 Ch 8 Read: Chapter Learning Objectives
- ✅ Ch 8 Do: Case Study
- 📖 Ch 8 Read: Explain the Importance of Electric Filing for the Nail Technician
- ▶ Ch 8 Watch: Electric Filing
- ✅ Ch 8 Do: Why Study? Essay

II. DESCRIBE ELECTRIC FILES



Slides 6–10

- A. Micromotor Machines
- B. RPM Speed
- C. Power and Torque

- 📖 Ch 8 Read: Describe Electric Files
- ✅ Ch 8 Do: Electric Files True or False

III. COMPARE MACHINE FEATURES WHEN CHOOSING AN ELECTRIC FILE



Slides 11–15

- A. Machine Features
 - Forward and reverse
 - Chuck
 - Foot pedal
 - RPM
 - Variable speed control
 - Comfortable handpiece
 - Closed-casing handpiece
 - Warranty
 - Maintenance

- 📖 Ch 8 Read: Compare Machine Features when Choosing an Electric Files
- ✅ Ch 8 Do: Electric File Features Fill in the Blank

IV. CHOOSE THE PROPER BIT FOR EACH SERVICE Ch 8 Read: Choose the Proper Bit for Each Service Ch 8 Do: Using Bits Safely Essay**Slides 16–27**


- **Bits**

A. The Anatomy of a Bit

- **Concentric bits**
- Surface smoothness
- Edges
- **Grit**
- Shank

B. Types of Bits




1. Diamond bits
 2. Carbide bits
 - **Flutes**
 - Swiss carbide bits
 3. Silicone bits
 4. Natural: Chamois, cotton, and goat hair bits
 5. Tapered barrel bits
 6. French fill bits
 7. Natural nail discs
 8. Pedicure bits
 9. Prepper bits
 10. Mandrels
 11. Sanding and arbor bands
 12. Jewelry and specialty bits
- C. Disinfecting Metal Bits

PERFORM Procedure 8–1: Cleaning and Disinfecting Metal File Bits.Refer to *Procedures* folder: Ch 8 Read: Procedure 8–1: Cleaning and Disinfecting Metal File Bits Ch 8 Do: Download Rubrics

V. DEMONSTRATE ELECTRIC FILING TECHNIQUES



Slides 28–47

-  Ch 8 Read: Demonstrate Electric Filing Techniques
-  Ch 8 Do: Filing Techniques True or False
-  Ch 8 Do: Using an E-File To Remove Gel Polish Fill in the Blank

- A. Techniques to Practice
- B. Important Things to Remember
 - Use the correct bit angle
 - **Rings of fire**
 - Choose the correct speed
- C. Nail Enhancement Maintenance
 - **Maintenance**
 - Maintenance goals
 - Preparation
- 1. Maintenance Services for a Two-Color French Manicure
- 2. Repairing cracks
- 3. Removing Lifted Product
- 4. Shaping the Top Surface
- D. Shortening the Nails
- E. Cuticle Work
- F. Shaping C-Curves
- G. Finishing
- H. Buffing Oils
- I. High-Shine Buffing
- J. Buffing Creams
- K. Natural Nail Work

PERFORM Mini-Procedure: Natural Nails.

L. UV/LED Gels

M. Hard Gels

PERFORM Mini-Procedure: Hard Gel Removal.

N. Gel Polish

PERFORM Mini-Procedure: Removing Gel Polish from Hard Gel or Acrylic Product.

VI. DISCUSS ELECTRIC FILING FOR PEDICURES



Slides 48–51

- Guidelines

Ch 8 Read: Discuss Electric Filing for Pedicures

Ch 8 Do: Using an E-File for Pedicures Fill in the Blank

PERFORM Mini-Procedure: Electric Filing for Pedicures.

VII. RECOGNIZE HOW TO TROUBLESHOOT ELECTRIC FILING PROBLEMS



Slides 52–60

A. Reducing Dust

1. Solutions to reduce dust

B. Not Enough Shine

1. Solutions to get more shine

C. Heat

1. Solutions to avoid heat buildup

D. Grabbing

1. Solutions to avoid grabbing

E. Microshattering

1. Solutions to avoid microshattering

F. Rings of Fire

1. Solutions to avoid rings of fire

Ch 8 Read: Recognize How to Troubleshoot Electric Filing Problems

Ch 8 Do: E-Filing Pitfalls Essay

VIII. LIST SAFETY TIPS FOR ELECTRIC FILING



Slides 61–64

Ch 8 Read: List Safety Tips for Electric Filing

Ch 8 Do: E-File Safety True or False

IX. ELECTRIC FILING PROCEDURES

Refer to *Procedures* folder:

Ch 8 Do: Download Rubrics

X. CHAPTER REVIEW



Slides 65–71

Ch 8 Do: Word Review

Ch 8 Flashcards: Key Terms Review

Ch 8 Discuss: Essential Discoveries

Ch 8 Do: Prepare for Licensure

Ch 8 Study Notes

Ch 8 Do: Final Exam

CHAPTER 9

NAIL TIPS AND FORMS



OUTLINE

MINDTAP ACTIVITIES

I. EXPLAIN WHY A NAIL TECHNICIAN SHOULD LEARN ABOUT NAIL TIPS AND FORMS



Slides 1–5

- 📖 Ch 9 Read: Chapter Learning Objectives
- ✅ Ch 9 Do: Case Study
- 📖 Ch 9 Read: Explain Why a Nail Technician Should Learn About Nail Tips and Forms
- ▶ Ch 9 Watch: Tips About Tips
- ✅ Ch 9 Do: Why Study? Essay

II. IDENTIFY THE DIFFERENCE BETWEEN A NAIL ENHANCEMENT AND A NAIL EXTENSION



Slides 6–8

- **Nail enhancement**
- **Nail extension**

- 📖 Ch 9 Read: Identify the Difference Between a Nail Enhancement and a Nail Extension
- ✅ Ch 9 Do: Nail Extensions vs Enhancements Essay

III. EXPLAIN HOW TO PREPARE THE NAIL FOR NAIL EXTENSIONS



Slides 9–13

- **Dry manicure**
- **Nail cleanser**
- **Nail dehydrator**

- 📖 Ch 9 Read: Explain how to Prepare the Nail for Nail Extensions
- ✅ Ch 9 Do: Extension Preparation Matching

PERFORM: Procedure 9–1: Dry Manicure or Nail Preparation for Enhancements

Refer to *Procedures* folder:

- 📖 Ch 9 Read: Procedure 9–1 Dry Manicure or Nail Preparation for Enhancements
- ▶ Ch 9 Watch: Procedure 9–1 Dry Manicure or Nail Preparation for Enhancements
- ✅ Ch 9 Do: Download Rubrics

IV. DESCRIBE FIVE DIFFERENT TYPES OF NAIL TIPS



Slides 14–21




- **Nail tips**
- **Overlay**
- **Well**
- Nail resin or **nail adhesive**

- 📖 Ch 9 Read: Describe Five Different Types of Nail Tips
- ✅ Ch 9 Do: Type of Tip Matching
- ✅ Ch 9 Do: Nail Tips Fill in the Blanks

- **Position stop**
- Types of nail tips
 - **Full-well tip**
 - **Partial-well tip**
 - **Well-less tip**
 - **Full-coverage tip**
 - **French tip**
- Purchasing nail tips
- Fitting the nail tip
- **Nail adhesive**
- Applying the nail tip
- Nail cutter
- Shaping the nail

PERFORM: Procedure 9–2: Nail Tip Application.

Refer to *Procedures* folder:




-  Ch 9 Read: Procedure 9–2 Full- or Partial-Well Nail Tip Application
-  Ch 9 Watch: Procedure 9–2 Full- or Partial-Well Nail Tip Application
-  Ch 9 Do: Download Rubrics

V. LIST THE ADVANTAGES OF USING NAIL FORMS



Slides 22–26

- **Disposable nail forms**
 - Applying
- **Reusable nail forms**
- Advantages of nail forms


-  Ch 9 Read: List the Advantages of Using Nail Forms
-  Ch 9 Do: Disposable vs Reusable Matching
-  Ch 9 Do: Applying Disposable Nail Forms Fill in the Blank

VI. NAME THE SEVEN MOST COMMON NAIL SHAPES REQUESTED WITH NAIL TIPS






Slides 27–31

- Square
- Squoval
- Round
- Oval
- Almond
- Stiletto
- Ballerina
- Shaping using a tip
- Shaping using a form

-  Ch 9 Read: Name the Seven Most Common Nail Shapes Requested with Nail Tips
-  Ch 9 Do: Nail Tip Application Fill in the Blank
-  Ch 9 Do: Nail Tip Removal Fill in the Blank




PERFORM: Procedure 9–3: French Nail Tip Application.

Refer to *Procedures* folder:

-  Ch 9 Read: Procedure 9–3 French Nail Tip Application
-  Ch 9 Watch: Procedure 9–3 French Nail Tip Application
-  Ch 9 Do: Download Rubrics




PERFORM: Procedure 9–4: Nail Tip Removal.

Refer to *Procedures* folder:

-  Ch 9 Read: Procedure 9–4 Nail Tip Removal
-  Ch 9 Watch: Procedure 9–4 Nail Tip Removal
-  Ch 9 Do: Download Rubrics

PERFORM: Procedure 9–5: Disposable Nail Form Application.

Refer to *Procedures* folder:

-  Ch 9 Read: Procedure 9–5 Disposable Nail Form Application
-  Ch 9 Watch: Procedure 9–5 Disposable Nail Form Application
-  Ch 9 Do: Download Rubrics

VII. IDENTIFY THE QUALITIES OF A PROPERLY STRUCTURED NAIL ENHANCEMENT



Slides 32–36

- **Stress area**
- **Apex/arch**
- Sidewall
- **Nail extension underside**
- Thickness
- C-curve

-  Ch 9 Read: Identify the Qualities of a Properly Structured Nail Enhancement

VIII. NAIL TIPS AND FORMS PROCEDURES







Refer to *Procedures* folder:

-  Ch 9 Do: Download Rubrics

IX. CHAPTER REVIEW



Slides 37–43

-  Ch 9 Do: Word Review
-  Ch 9 Flashcards: Key Terms Review
-  Ch 9 Discuss: Essential Discoveries
-  Ch 9 Do: Prepare for Licensure
-  Ch 9 Study Notes
-  Ch 9 Do: Final Exam

CHAPTER 10

NAIL RESIN SYSTEMS







OUTLINE

MINDTAP ACTIVITIES

I. EXPLAIN WHY YOU SHOULD LEARN ABOUT NAIL RESIN SYSTEMS



Slides 1–4

-  Ch 10 Read: Chapter Learning Objectives
-  Ch 10 Do: Case Study
-  Ch 10 Read: Explain why You Should Learn About Nail Resin Systems
-  Ch 10 Do: Why Study? Essay

II. DEFINE NAIL RESIN AND NAIL RESIN SYSTEMS



Slides 5–7

- **Nail resin systems**
 - **Nail resins**
 - **Viscosity**
 - **Building resin**
 - **Resin accelerator**
 - Nail resins
 - Use and removal

-  Ch 10 Read: Define Nail Resin and Nail Resin Systems
-  Ch 10 Do: What is Nail Resin? Fill in the Blank

III. DESCRIBE HOW THE USE OF NAIL WRAPS CAN STRENGTHEN THE NAIL






Slides 8–13

- **Nail wrap**
- **Fabric wraps**
- **Silk wrap**
- **Fiberglass wrap**
- Wrap systems
- **Stress strip**
- **Stress line**
- **Maintenance**
- **Fill** or backfill
- **Rebalance**
- Two-week and four-week wrap maintenance

-  Ch 10 Read: Describe how the Use of Nail Wraps Can Strengthen the Nail
-  Ch 10 Do: Type of Wrap Matching
-  Ch 10 Do: Applying a Fabric Wrap Fill in the Blank



PERFORM: Procedure 10–1: Nail Repair Using a Fabric Wrap Application.

Refer to *Procedures* folder:

-  Ch 10 Read: Procedure 10–1 Nail Repair Using a Fabric Wrap Application
-  Ch 10 Watch: Procedure 10–1 Nail Repair Using a Fabric Wrap Application
-  Ch 10 Do: Download Rubrics

PERFORM: Procedure 10–2: Fabric Wrap Maintenance.

Refer to *Procedures* folder:

-  Ch 10 Read: Procedure 10–2 Fabric Wrap Maintenance
-  Ch 10 Do: Download Rubrics

IV. OUTLINE THE ADVANTAGES OF APPLYING A DIP SYSTEM



Slides 14–21

- **Dip systems**
- **Dip powder**
- Performing a dip enhancement




 Ch 10 Read: Outline the Advantages of Applying a Dip System

-  Ch 10 Do: Dip Systems True or False

PERFORM: Procedure 10–3: Dip System One-Color Application.

- Dip system advantages
- French manicure application

Refer to *Procedures* folder:

-  Ch 10 Read: Procedure 10–3 Dip System One-Color Application
-  Ch 10 Watch: Procedure 10–3 Dip System One-Color Application
-  Ch 10 Do: Download Rubrics

PERFORM: Procedure 10–4: French (Pink And White) Dip Application.

- Clear extensions




Refer to *Procedures* folder:

-  Ch 10 Read: Procedure 10–4 French (Pink and White) Dip Application
-  Ch 10 Watch: Procedure 10–4 French (Pink and White) Dip Application
-  Ch 10 Do: Download Rubrics

PERFORM: Procedure 10–5: Dip System Clear Extension Application.




- Maintenance and removal

Refer to *Procedures* folder:

-  Ch 10 Read: Procedure 10–5 Dip System Clear Extension Application
-  Ch 10 Watch: Procedure 10–5 Dip System Clear Extension Application
-  Ch 10 Do: Download Rubrics




PERFORM: Procedure 10–6: Dip System Maintenance.

Refer to *Procedures* folder:

-  Ch 10 Read: Procedure 10–6 Dip System Maintenance
-  Ch 10 Watch: Procedure 10–6 Dip System Maintenance
-  Ch 10 Do: Download Rubrics

PERFORM: PROCEDURE 10–7: NAIL RESIN
SYSTEM REMOVAL.

Refer to *Procedures* folder:

-  Ch 10 Read: Procedure 10–7 Nail Resin System Removal
-  Ch 10 Watch: Procedure 10–7 Nail Resin System Removal
-  Ch 10 Do: Download Rubrics

V. NAIL RESIN SYSTEMS PROCEDURES







Refer to *Procedures* folder:

-  Ch 10 Do: Download Rubrics

VI. CHAPTER REVIEW



Slides 22–27

-  Ch 10 Do: Word Review
 -  Ch 10 Flashcards: Key Terms Review
 -  Ch 10 Discuss: Essential Discoveries
 -  Ch 10 Do: Prepare for Licensure
 -  Ch 10 Study Notes
 -  Ch 10 Do: Final Exam
-

CHAPTER 11

MONOMER LIQUID AND POLYMER POWDER NAIL ENHANCEMENTS



OUTLINE

MINDTAP ACTIVITIES

I. EXPLAIN WHY YOU SHOULD LEARN ABOUT LIQUID AND POWDER NAIL ENHANCEMENTS



Slides 1–4

- Nail enhancements
- Acrylic
- Two-part monomer liquid and polymer powder enhancements
- Today's products
- Understand liquid and powder nail enhancements

- 📖 Ch 11 Read: Chapter Learning Objectives
- ✅ Ch 11 Do: Case Study
- 📖 Ch 11 Read: Explain Why you Should Learn About Liquid and Powder Nail Enhancements
- ✅ Ch 11 Do: Why Study? Essay

II. DESCRIBE THE CHEMISTRY OF LIQUID AND POWDER NAIL ENHANCEMENTS



Slides 5–13

- **Liquid and powder nail enhancements**
 - Mono
 - Poly
- Used in four basic ways
- Application brush
- Monomer liquid
- Industry standard
- Methyl methacrylate (MMA)
- Polymer powder
- Polymerization
- Special additives
- Catalysts

- 📖 Ch 11 Read: Describe the Chemistry of Liquid and Powder Nail Enhancements
- ✅ Ch 11 Do: Type of Liquid and Powder Matching
- ✅ Ch 11 Do: Liquid and Powder Fill in the Blank

- Initiators
- **Chain reaction**
- **Benzoyl peroxide (BPO)**

A. Odorless Monomer Liquid and Polymer

Powder Products

- Low odor
- Mix ratio and application
- Inhibition layer

III. IDENTIFY THE SUPPLIES FOR LIQUID AND POWDER NAIL ENHANCEMENT SERVICES



Slides 14–27

A. Monomer Liquid

- **Mix ratio**
 - Dry bead
 - Wet bead
 - Medium bead
 - Perfect bead
 - Too much powder
 - Too little powder

B. Polymer Powder

- Customized techniques

C. Nail Primer

- Use with caution
- Acid-free alternatives
- To apply

D. Abrasives

- **Grit**
- Different material
- Most common abrasives used for filing, shaping, and buffing nail enhancements:
 - Coarse-grit file
 - Lifting
 - Medium-grit file
 - Fine-grit file
 - Buffers
 - Shiner

E. Nail Tips and Forms

- Nail tips
- Nail forms

F. Dappen Dish

 Ch 11 Read: Identify the Supplies for Liquid and Powder Nail Enhancements

 Ch 11 Do: Abrasive Matching

 Ch 11 Do: Supplies True or False

G. Nail Brush

- Natural hair-brush
- Shapes and size
- Most common
- How to choose
- Avoid
- Use the nail brush

1. Storing and Disposing of Monomer Liquid

and Polymer Powder Products

- Storage
- Disposing

PERFORM: Procedure 11–1: One-Color Monomer Liquid and Polymer Powder Overlay.

Refer to *Procedures* folder:

- 📖 Ch 11 Read: Procedure 11–1 One-Color Monomer Liquid and Polymer Powder Overlay
- ▶ Ch 11 Watch: Procedure 11–1 One-Color Monomer Liquid and Polymer Powder Overlay
- ✅ Ch 11 Do: Download Rubrics

PERFORM: Procedure 11–2: Two-Color Liquid and Powder Nail Enhancements Using Forms.

Refer to *Procedures* folder:

- 📖 Ch 11 Read: Procedure 11–2 Two-Color Liquid and Powder Nail Enhancements Using Forms
- ▶ Ch 11 Watch: Procedure 11–2 Two-Color Liquid and Powder Nail Enhancements Using Forms
- ✅ Ch 11 Do: Download Rubrics

IV. OUTLINE THE PROCESS OF MAINTENANCE, REPAIR, AND REMOVAL OF LIQUID AND POWDER NAIL ENHANCEMENTS



Slides 28–34

- Maintenance
- **Fill/backfill**

- 📖 Ch 11 Read: Outline the Processes of Maintenance, Repair, and Removal of Liquid and Powder Nail Enhancements
- ✅ Ch 11 Do: Liquid and Powder Maintenance Fill in the Blank
- ✅ Ch 11 Do: Liquid and Powder Removal Fill in the Blank
- ✅ Ch 11 Do: Liquid and Powder Maintenance Essay

PERFORM: Procedure 11–3: One-Color Liquid and Powder Maintenance.

A. Liquid and Powder Nail Enhancement Repair




Refer to *Procedures* folder:

- 📖 Ch 11 Read: Procedure 11–3 One-Color Liquid and Powder Maintenance
- ▶ Ch 11 Watch: Procedure 11–3 One-Color Liquid and Powder Maintenance
- ✅ Ch 11 Do: Download Rubrics

PERFORM: Procedure 11–4: Nail Enhancement Repair for Liquid and Powder Nails.




B. Monomer Liquid and Polymer Powder Nail Enhancement Removal

Refer to *Procedures* folder:

-  Ch 11 Read: Procedure 11–4 Nail Enhancement Repair for Liquid and Powder Nails
-  Ch 11 Watch: Procedure 11–4 Nail Enhancement Repair for Liquid and Powder Nails
-  Ch 11 Do: Download Rubrics

PERFORM: Procedure 11–5: Liquid and Powder Nail Enhancement Removal.

Refer to *Procedures* folder:

-  Ch 11 Read: Procedure 11–5 Liquid and Powder Nail Enhancement Removal
-  Ch 11 Watch: Procedure 11–5 Liquid and Powder Nail Enhancement Removal
-  Ch 11 Do: Download Rubrics

V. MONOMER LIQUID AND POLYMER POWDER NAIL ENHANCEMENT PROCEDURES







Refer to *Procedures* folder:

-  Ch 11 Do: Download Rubrics

VI. CHAPTER REVIEW



Slides 35–40

-  Ch 11 Do: Word Review
-  Ch 11 Flashcards: Key Terms Review
-  Ch 11 Discuss: Essential Discoveries
-  Ch 11 Do: Prepare for Licensure
-  Ch 11 Study Notes
-  Ch 11 Do: Final Exam

CHAPTER 12

GEL NAIL ENHANCEMENTS



OUTLINE

MINDTAP ACTIVITIES

I. EXPLAIN WHY YOU SHOULD LEARN ABOUT LIGHT-CURED GELS



Slides 1–5

- **Light-cured gel**

- 📖 Ch 12 Read: Chapter Learning Objectives
- ✅ Ch 12 Do: Case Study
- 📖 Ch 12 Read: Explain Why you Should Learn About Light-Cured Gels
- ✅ Ch 12 Do: Why Study? Essay

II. DESCRIBE THE CHEMISTRY OF GELS



Slides 6–9

- Oligomer
- Viscosity
- **Cure**
- Photoinitiator
- Gel polish
- **Exothermic reaction**
- Control the heat

- 📖 Ch 12 Read: Describe the Chemistry of Gels
- ✅ Ch 12 Do: Chemistry of Gels Fill in the Blank

III. DISCOVER THE DIFFERENCE BETWEEN UV AND LED LIGHT USED TO CURE GELS



Slides 10–14

- **Curing lamp**
- Curing power
- **Wattage**
- Gel-curing lamp
 - **LED**
 - **Nanometer** (nm)
 - Ultraviolet (UV)
 - Most common

- 📖 Ch 12 Read: Discover the Difference Between LED and UV Light Used to Cure Gels
- ✅ Ch 12 Do: UV vs LED True or False

IV. CLASSIFY THE TYPES OF GELS USED IN CURRENT SYSTEMS



Slides 15–25




- **Hard gels**
- **Soft gels**
- Gel viscosity

- 📖 Ch 12 Read: Classify the Types of Gels Used in Current Systems
- ✅ Ch 12 Do: Hard or Soft Gel Matching
- ✅ Ch 12 Do: Gel Type Matching

- A. Bonding Gels
 - Primer
 - Bonding
 - Cured
- B. Building Gels
 - Viscosity
 - Cured
 - Color
 - Non-self-leveling/self-leveling
- C. Polymer Gels
 - Viscosity
 - Application
 - Color
 - Adhesion
 - Preparation
 - Maintenance
 - Removal
- D. Pigmented Gels
 - Nail art
 - Polish
- E. Soak-Off Gel Polishes
 - Colors
 - Opacity and viscosity
- F. Finishing Gels
 - Two types
 - Inhibition layer
 - No inhibition layer




PERFORM Procedure 12–1: One-Color Hard-Gel Overlay.

Refer to *Procedures* folder:

-  Ch 12 Read: Procedure 12–1 One-Color Hard-Gel Overlay
-  Ch 12 Watch: Procedure 12–1 One-Color Hard-Gel Overlay
-  Ch 12 Do: Download Rubrics




PERFORM Procedure 12–2: Two-Color Hard-Gel Overlay.

Refer to *Procedures* folder:

-  Ch 12 Procedure 12–2 Two-Color Hard-Gel Overlay
-  Ch 12 Watch: Procedure 12–2 Two-Color Hard-Gel Overlay
-  Ch 12 Do: Download Rubrics




PERFORM Procedure 12–3: One-Color Hard-Gel Sculpture Extension.

Refer to *Procedures* folder:

-  Ch 12 Procedure 12–3 One-Color Hard-Gel Sculpture Extensions
 -  Ch 12 Watch: Procedure 12–3 One-Color Hard-Gel Sculpture Extensions
 -  Ch 12 Do: Download Rubrics
-




PERFORM Procedure 12–4: One-Color Polymer Gel Overlay.

Refer to *Procedures* folder:

-  Ch 12 Procedure 12–4 One-Color Polymer Gel Overlay
-  Ch 12 Watch: Procedure 12–4 One-Color Polymer Gel Overlay
-  Ch 12 Do: Download Rubrics




PERFORM Procedure 12–5: Hard-Gel Maintenance.

Refer to *Procedures* folder:

-  Ch 12 Procedure 12–5 Hard-Gel Maintenance
-  Ch 12 Watch: Procedure 12–5 Hard-Gel Maintenance
-  Ch 12 Do: Download Rubrics




PERFORM Procedure 12–6: Soak-Off Gel Polish over Nail Enhancements.

Refer to *Procedures* folder:



-  Ch 12 Procedure 12–6 Soak-Off Gel Polish over Nail Enhancements
-  Ch 12 Watch: Procedure 12–6 Soak-Off Gel Polish over Nail Enhancements
-  Ch 12 Do: Download Rubrics

PERFORM Procedure 12–7: Soak-Off Gel Polish on Natural Nails.

Refer to *Procedures* folder:

-  Ch 12 Procedure 12–7 Soak-Off Gel Polish on Natural Nails
-  Ch 12 Watch: Procedure 12–7 Soak-Off Gel Polish on Natural Nails
-  Ch 12 Do: Download Rubrics

V. IDENTIFY THE SUPPLIES NEEDED FOR GEL APPLICATION





-  Ch 12 Read: Identify the Supplies Needed for Gel Application
-  Ch 12 Do: Supplies for Gels Fill in the Blank



Slides 26–29

- Gel-curing lamp
- Application brush
- Bonding gel/gel primers
- Building gel
- Finishing gel
- Nail tips or nail forms
- Nail cleanser
- Abrasive files and buffers
- Lint-free cleansing wipes

VI. EXPLAIN HOW TO STORE, USE, AND REMOVE GELS IN THE SALON

-  Ch 12 Read: Explain How to Store, Use, and Remove Gels in the Salon
-  Ch 12 Do: Storage of Gels True or False
-  Ch 12 Do: Hard Gel Overlay Application Fill in the Blank
-  Ch 12 Do: Removal of Hard vs Soft Gel Essay



Slides 30–35

A. Storing Gels

- During the service
- After the service

B. Using Gels




- Temperature sensitive
- Too much product
- Applying
 - Floating a bead
 - Applying string of gel

C. Removing Gels

- Hard gels
- Soft or soak-off gels




PERFORM Refer to Procedure 12–8: Removal of Hard Gels and Polymer Gels.

Refer to *Procedures* folder:

-  Ch 12 Read: Procedure 12–8 Removal of Hard Gels and Polymer Gels
-  Ch 12 Watch: Procedure 12–8 Removal of Hard Gels and Polymer Gels
-  Ch 12 Do: Download Rubrics

PERFORM Refer to Procedure 12–9: Removal of Soft Gel or Gel Polishes.

Refer to *Procedures* folder:

-  Ch 12 Read: Procedure 12–9 Removal of Soak-Off Gels or Gel Polishes
-  Ch 12 Watch: Procedure 12–9 Removal of Soak-Off Gels or Gel Polishes
-  Ch 12 Do: Download Rubrics

VII. UNDERSTAND WHEN TO PERFORM GEL SERVICES

-  Ch 12 Read: Understand when to Use Gel Services
-  Ch 12 Do: When to Perform Gel Services



Slides 36–40

- Clarifying questions when considering hard gel extensions
- Clarifying questions when considering gel polishes

VIII. GEL NAIL ENHANCEMENTS PROCEDURES







Refer to *Procedures* folder:

-  Ch 12 Do: Download Rubrics

IX. CHAPTER REVIEW



Slides 41–47

-  Ch 12 Do: Word Review
-  Ch 12 Flashcards: Key Terms Review
-  Ch 12 Discuss: Essential Discoveries
-  Ch 12 Do: Prepare for Licensure
-  Ch 12 Read: Study Notes
-  Ch 12 Do: Final Exam

CHAPTER 13

NAIL ART



OUTLINE

MINDTAP ACTIVITIES

I. EXPLAIN HOW NAIL ART IMPACTS THE NAIL TECHNOLOGY INDUSTRY



Slides 1–6

- 📖 Ch 13 Read: Chapter Learning Objectives
- ✅ Ch 13 Do: Case Study
- 📖 Ch 13 Read: Explain how Nail Art Impacts the Nail Technology Industry
- ▶ Ch 13 Watch: Introduction to Nail Art
- ✅ Ch 13 Do: Why Study? Essay

II. INTRODUCE CLIENTS TO NAIL ART



Slides 7–9

- Display your art
- Build an art portfolio
- A few things to remember

- 📖 Ch 13 Read: Introduce Clients to Nail Art
- ✅ Ch 13 Do: Talk to Your Clients About Nail Art: Essay
- ✅ Ch 13 Do: Introducing Nail Art True or False

III. IDENTIFY THE USE OF COLOR THEORY IN NAIL ART



Slides 10–13

- Color theory
- **Color wheel**
- **Primary colors**
- **Secondary colors**
- **Tertiary colors**
- **Complementary colors**
- **Analogous colors**

- 📖 Ch 13 Read: Identify the Use of Color Theory in Nail Art
- ✅ Ch 13 Do: Color Theory

IV. EXPLAIN HOW NAIL POLISH CAN BE USED TO CREATE NAIL ART



Slides 14–17

- **French manicure**
- **Smile line**
- **Color fading/color graduation/ombre**
- **Color blocking**
- **Marbleizing**
- **Stylus**




- 📖 Ch 13 Read: Explain how Nail Polish Can be Used to Create Nail Art
- ✅ Ch 13 Do: Nail Polish as Nail Art Matching

A. The French Manicure

PERFORM Procedure 13–1: The French Manicure Using Polish.

B. Soak-Off Gel Polish

Refer to *Procedures* folder:

-  Ch 13 Read: Procedure 13–1 The French Manicure Using Polish
 -  Ch 13 Watch: The French Manicure Using Polish
 -  Ch 13 Do: Download Rubrics
-

V. DEMONSTRATE THE BASIC TECHNIQUES USED IN HAND-PAINTED NAIL ART




Slides 18–25

A. Brushes

- **Tip/chisel edge**
- **Belly**
- **Ferrule**
- **Heel**
- Most common brushes
 - **Round brush**
 - **Liner brush**
 - **Flat brush**
 - **Fan brush**
 - **Spotter or detailer brush**
 - **Striper brush**
- Practice
- **Pressure**
- **Pull**
- **Position**



B. The Next Step

 Ch 13 Read: Demonstrate the Basic Techniques Used in Hand-Painted Nail Art

-  Ch 13 Do: Brush Type Matching
 -  Ch 13 Do: Brush Stroke Technique Fill in the Blank
-

PERFORM Procedure 13–2: Animal Print Design Using Paint.

Refer to *Procedures* folder:

-  Ch 13 Read: Procedure 13–2 Animal Print Design Using Paint
 -  Ch 13 Watch: Animal Print Design Using Paint
 -  Ch 13 Do: Download Rubrics
-

VI. DESCRIBE HOW TO USE MONOMER LIQUID AND POLYMER POWDER TO CREATE 3-D NAIL ART



Slides 26–30

 Ch 13 Read: Describe how to Use Monomer Liquid and Polymer Powder to Create 3D Nail Art

-  Ch 13 Do: Liquid and Powder Nail Art True or False
-

- **Inlaid designs**
- Using monomer liquid and polymer powder for art
- Creating 3-D designs
- Fade colors together
- Practice
- Use on different surfaces
- 3-D art over nail polish

PERFORM Procedure 13–3: 3-D Flower Using Monomer Liquid and Polymer Powder.

- Practice technique

Refer to *Procedures* folder:

- 📖 Ch 13 Read: Procedure 13–3 3-D Flower Using Monomer Liquid and Polymer Powder
 - ▶ Ch 13 Watch: 3D Flower Using Monomer Liquid and Polymer Powder
 - ✔ Ch 13 Do: Download Rubrics
-

VII. USE UV AND LED GEL TO CREATE AN INLAID NAIL ART DESIGN



Slides 31–34

- Colored UV and LED gels
- Embellishments
- Practice
- **Flash cure**

- 📖 Ch 13 Read: Use UV and LED Gel to Create Inlaid Nail Art Design
 - ✔ Ch 13 Do: Create Inlaid Nail Art
-

PERFORM Procedure 13–4: Confetti Inlaid Design Using UV or LED Gel.

Refer to *Procedures* folder:

- 📖 Ch 13 Read: Procedure 13–4 Confetti Inlaid Design Using UV or LED Gel
 - ✔ Ch 13 Do: Download Rubrics
-

VIII. CHOOSE WHEN TO USE AN EMBELLISHMENT IN A NAIL ART SERVICE




Slides 35–39

- Common forms
 - Placement
 - Preparation
 - Adhesive
 - Seal the nail
 - Metallic films
 - Applying the foil
 - After design completion
 - Embellishments inside the nail
 - Have fun
-

- 📖 Ch 13 Read: Choose when to Use an Embellishment in a Nail Art Service
 - ✔ Ch 13 Do: Embellishment True or False
-


PERFORM Procedure 13–5: Crystal Art on Polish Using Embellishments.

Refer to *Procedures* folder:

 Ch 13 Read: Procedure 13–5 Crystal art on Polish Using Embellishments

 Ch 13 Do: Download Rubrics

IX. DESCRIBE HOW AN AIRBRUSH MACHINE IS USED TO CREATE NAIL ART

 Ch 13 Read: Describe how an Airbrush Machine is Used to Create Nail Art


 Ch 13 Do: Airbrushing Fill in the Blank



Slides 40–43

- **Gravity-fed**
 - Parts of an airbrush
 - The handle
 - Fluid nozzle
 - The trigger
 - The well/reservoir
 - Color cup
 - Air hose
 - Compressor
 - Cleaning the airbrush
 - Airbrushing over most mediums
-

X. EXPLAIN THE ADVANTAGES OF USING STENCILS AND STAMPING

 Ch 13 Read: Explain the Advantages of Using Stencils and Stamping

 Ch 13 Do: Stencil vs Stamp Essay



Slides 44–46

- **Stencil**
 - Using the stencil
 - Customizing stencils
 - **Stamping**
 - Transferring
-

XI. DESCRIBE AN ART TECHNIQUE THAT CAN BE CREATED WITH A DIP SYSTEM

 Ch 13 Read: Describe an Art Technique that Can be Created with a Dip System

 Ch 13 Do: Dip System Technique




Slides 47–50

PERFORM Procedure 13–6: Ombre or Color Graduation with Dip System

- **Velvet effect**

Refer to *Procedures* folder:

 Ch 13 Read: Procedure 13–6 Ombre or Color Graduation with Dip System

 Ch 13 Watch: Procedure 13–6 Ombre or Color Graduation with Dip System

 Ch 13 Do: Download Rubrics

XII. EXPLAIN THE BENEFITS OF PARTICIPATING IN NAIL ART COMPETITIONS



Slides 51–60

A. About Competitions

- **Rules and guidelines**
- Categories
- Register
- Online competitions

B. Why Compete?

- Trade shows
- Learning opportunity
- Networking
- New techniques and services
- Benefits


C. Becoming a Competitor

- Presenting the final look
- Model required
- **Competition kit**
- Preparation
 - Consider the theme
 - Give yourself time to prepare
 - Draw it out
 - Time yourself
 - Keep improving
 - Be methodical
 - Practice with the model
 - Keep practicing
 - Pack carefully
 - Get a good night's sleep
 - Eat before you begin
 - Arrive early
 - **Briefing**

D. Categories of Nail Art Competition



- Flat art
- 3-D art
- Design sculpture nails
- The French twist
- Airbrushed art
- **Mixed media**
- Fantasy art

 Ch 13 Read: Explain the Benefits of Participating in Nail Art Competitions

 Ch 13 Watch: How to Enter Competitions

 Ch 13 Do: Nail Competition Case Study

XIII. NAIL ART PROCEDURESRefer to *Procedures* folder: Ch 13 Do: Download Rubrics

XIV. CHAPTER REVIEW**Slides 61–68** Ch 13 Do: Word Review Ch 13 Flashcards: Key Terms Review Ch 13 Discuss: Essential Discoveries Ch 13 Do: Prepare for Licensure Ch 13 Study Notes Ch 13 Do: Final Exam
