The National Advanced Practice Micropigmentation examination is the national licensure examination for AP Micropigmentation, which is developed and administered by the National-Interstate Council of State Boards of Cosmetology (NIC). This Candidate Information Bulletin includes the content outline covered by the NIC National Advanced Practice Micropigmentation examination, sample questions and answers. The time allowed for the Advanced Practice Micropigmentation written examination is 90 minutes.

**SCIENTIFIC CONCEPTS 40%**

**Knowledge of Infection Control**
- Pathology and Microbiology
  - Bacteria
  - Virus
  - Fungi
  - Parasites
  - Prevention of cross contamination and disease transmission procedures
  - Levels of infection control
  - Personal immunization
  - OSHA blood borne Pathogen Standards and Universal precautions

**Knowledge of the Structure of the Skin**
- Epidermis
- Dermis
- Subcutaneous layer

**Knowledge of the Structure of Various Tissue**
- Mucosal (i.e., lip and eye)
- Scar
- Breast

**Knowledge of Human Physiology/Anatomy**
- Nervous system
- Vascular system
  - Blood
  - Lymph
- Muscles of the head and face
- Glands of the eye

**Knowledge and Recognition of Disorders, Anomalies, and Diseases of the Skin**

**Knowledge of Safe Use and Storage of Equipment and Supplies**
- Documentation
  - Material Safety Data Sheets
  - Manufacturer’s instructions
  - Exposure control plans
- Single-use supplies

**Knowledge of Equipment and Supplies**
- Knowledge of Safe Use and Storage of Equipment and Supplies
- Knowledge of Storage and Care of Pigment
  - Expiration
  - Mixing
  - Rehydration

**MICROPIGMENTATION PROCEDURES 55%**

**Knowledge of Client Communication and Documentation**
- Record keeping and documentation
  - Client history and record
  - Informed consent
  - Photo documentation
  - Supply and equipment documentation
  - Post care instructions
- Client consultation
  - Procedure and expectations
  - Skin typing/classification
  - Contraindications
  - Allergies

**Knowledge of Skin Preparation**
- Selection of appropriate antiseptic
- Specific preparation for eye and lip procedures
- Topical anesthetic

**Knowledge of Color Theory and Correction**
- Pigment and skin undertone
- Titanium dioxide
- Organic and inorganic
- Ink vs. pigment
- Methods of pigment lightening
- Characteristics of pigment

**Knowledge of Pre-application Procedure for Client Approval**
- Design, pattern, or shape on client
  - Measurement
  - Symmetry
- Appropriate materials
- Color selection

**Knowledge of Micropigmentation Application Procedures and Equipment**
- Needle selection
- Lining
- Shading
- Long term maintenance (e.g. laser)
- Repigmentation

**SIDE EFFECTS AND POSSIBLE COMPLICATIONS OF TREATMENT 5%**

**Knowledge of Side Effects and Possible Complications of Treatment**

**SAMPLE QUESTIONS**

The following sample questions are similar to those on the NIC AP Micropigmentation Written Examination. Each question is followed by four answer choices. Only one choice is correct. Correct answers are listed following the sample questions.

1. Cross contamination is greatly reduced by
   a. receiving immunizations.
   b. practicing asepsis.
   c. using an aerosol disinfectant.
   d. using barrier film and gloves.

2. While working with clients, what is one of the most important hazards for a technician?
   a. Mold
   b. Fungus
   c. Airborne pathogens
   d. Bloodborne pathogens

3. Implating pigment within the deeper reticular dermis will cause
   a. graying.
   b. bluing.
   c. melanin.
   d. keratin.
4. To understand color theory as it applies to micropigmentation, the technician must
   a. know pigmentation formulas.
   b. understand the color will appear softer.
   c. work in fluorescent light.
   d. have knowledge of pigment and skin tone.

5. Scars that usually respond well to repigmentation are
   a. vitiligo.
   b. pale and flat.
   c. hypertrophic.
   d. keloid.

6. What is the palpebral?
   a. The inner canthus of the eye
   b. A fold of skin over the eye
   c. A mucous membrane
   d. The tear duct

7. Verruca is the technical term for
   a. mole.
   b. cyst.
   c. skin tag.
   d. wart.

8. What is the main reason for keeping formula records when mixing colors?
   a. Insurance purposes
   b. Future appointments
   c. Physicians records
   d. Manufacturer’s requirements

9. A physical disorder from hypersensitivity to substances is known as
   a. an immunity.
   b. an allergy.
   c. a disease.
   d. a migration.

10. In order to make a design line stay longer, clean the client’s skin with
    a. petroleum jelly.
    b. green soap.
    c. alcohol.
    d. baby wipes.

   **Answers**

   **ADVANCED PRACTICE MICROPIGMENTATION REFERENCES**

   *Milady’s Aesthetician Series*
   *Permanent Makeup: Tips and Techniques-
   Pamela Hill Ed, 2007*
   Milady
   5 Maxwell Drive
   Clifton Park, NY 12065
   (800) 347-7707
   www.Milady.com

   *Milady’s Standard Comprehensive Training for Estheticians Ed, 2003*
   Milady
   5 Maxwell Drive
   Clifton Park, NY 12065
   (800) 347-7707
   www.Milady.com

   *Salon Fundamentals, Cosmetology, 2006*
   Pivot Point International, Inc.
   Evanston, IL 60201
   (800) 886-4247
   www.pivot-point.com

   *Milady’s Standard Cosmetology, 2008*
   Milady
   5 Maxwell Drive
   Clifton Park, NY 12065
   (800) 347-7707
   www.Milady.com

   Permanent Cosmetic Instructors Associates
   P.O. Box 453
   Tehachapi, California 93561
   (661) 822-1508
   permanentcosmeticsinstructorsassoc.com

   Society of Permanent Cosmetic Professionals
   -Fundamentals of Permanent Cosmetics2007
   -From the Dirt to the Skin 2007
   Elizabeth Finch-Howell
   -Color Information 1999
   -Permanent Cosmetics Equipment Manual 1999
   -Ten Year Journal 2002
   69 North Broadway
   Des Plaines, IL 60016
   Phone: 847-635-1330
   www.spcp.org

   *Permanent Makeup and Reconstructive Tattooing, 2003*
   Eleonora Habnitt, Anne Marie Glasheen
   4880 Lower Valley Rd.
   Atglen, PA 19310
   610-593-1777
   www.schifferbooks.com

   *Permanent Cosmetology Resource Manual*
   Connie Lord
   permanentcosmeticsinstructors.org

   *Disease and the Safe Work Place for Permanent Cosmetics*
   www.cosmeticspermanent.net

   *Advanced Professional Skin Care, Ed, 2005*
   Peter T. Pugliese, MD

   *Cosmetic Tattoo Ed, 2006*
   Val Glover

   *Micropigmentation: State of the Art Ed, 2003*
   Charles Zuerling, MD

   *www.osha.gov*

   *NIC Infection Control and Safety Standards*
   National-Interstate Council of State Boards of Cosmetology

   *Mosby’s Medical Dictionary Ed, 2006*
   www.us.elsevierhealth.com

   *Breast Book, Ed, 2004*
   Pat Pavik
   permanentcosmeticsinstructors.org

   *Permanent Eyes, Inc.*
   permanentcosmeticsinstructors.org

   *www.cosmeticspermanent.net*