

BHRT PROVIDER TRAINING PROGRAM

SYLLABUS

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BHRT Provider Program

FOUNDATIONAL EDUCATION UNIT 1 INTRO TO BIOIDENTICAL HORMONES

- · Bioidentical Hormones Defined
- · Bioldenticall vs Non-Identical Hormones
- Molecular Structures and Functions
- · Basis for Hormone Replacement Therapy
- · Evidence-Based Benefits Overview
- Market Demand and Clinical Need
- Hormone Replacement Options
- · FDA Approved Bioidentical Hormones
- Compounded Hormones Safety and Regulation
- · BHRT Safety Studies and Research Review
- · FDA Approved Bioidentical Hormones
- · Compounded Hormones

CLINICAL APPLICATION UNIT 1 IDENTIFYING HORMONE IMBALANCE

- Normal Menstrual Cycle
- · Causes of Hormone Imbalance
- Age-Related Decline of Hormones
- Signs and Symptoms of Female Hormone Imbalance
- Testing Options and Selection
- · Labs to Order and Interpretation
- · Choosing the Right Hormone Test
- Testing Guidelines for Different Patient Types
- Intrauterine Devices and Hormone Testing
- Special Testing Considerations
- Optimal Lab Ranges
- Retesting Guidelines After Starting HRT

FOUNDATIONAL EDUCATION UNIT 2 CURRENT RESEARCH AND EVIDENCE

- · 2024 Research Updates
- Hormones and HRT Research by Category:
 - · ADHD
 - Alopecia
 - · Asthma
 - · Anxiety/Depression
 - · Bowel Disorders
 - · Cardiovascular Health
 - · Cancer Risk Studies
 - · Cognitive Function
 - · Dental Health
 - Diabetes
 - · Dry Eyes/Skin
 - · Heart and Cardiovascular
 - Inflammation
 - Libido
 - Longevity
 - · Loss of Bone Density
 - · Migraines
 - Mood
 - Osteoarthritis
 - Quality of Life Measures
 - · Reduction of All Cause Mortality
 - · Skin Health
 - · Sleep Quality
 - · Synthetic vs. Bioidentical
 - · Thyroid Function
 - Urinary Tract
 - · Vaginal/Vulvar
 - · Weight
 - · Progesterone vs. Progestins
 - Topical vs. Oral Administration
- Safety and Risk Assessment Studies
- Estrogen Vindication
- Low Testosterone
- TRT Benefits & Risks
- HRT and TRT Contraindictations

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CLINICAL EDUCATION UNIT 2 HORMONE PROPERTIES

- · Steroid Metabolism Pathways
- · Sex Hormone Binding Globulin
- · Aromatase and 5-Alpha Reductase
- Actions and Effects of:
 - Progesterone
 - Estrogen(s)
 - · Testosterone
 - · DHEA
 - Cortisol
- · The Role of Adrenals in Hormone Balance
- · HPA Axis Dysfunction and Management
- · The Role of Thyroid in Hormone Balance
- · Thyroid Function and Replacement
- The Role of Insulin and Glucose in Hormone Balance

CLINICAL APPLICATION UNIT 3 PRESCRIPTIONS

- · Bioidentical Hormone Prescriptions
- · Route of Administration Comparison
- · Common Hormone Imbalance Patterns
- Female Dosing Guides: PMS, Perimenopause,
 Menopause, Androgens
- Progesterone for Irregular Cycles
- Postmenopausal Bleeding Protocols
- Hormone Therapy with Birth Control

CLINICAL EDUCATION UNIT 4 PROTOCOLS

- · Implementing HRT Female
- · Treatment Plans
- · PMS, Peri and Menopause Treatment
- · Androgen Imbalance Symptoms and Treatment
- · Treating Older Women with BHRT
- Treatment Protocols for:
 - Abnormal Pap Smears/HPV
 - · Acne
 - · Bone Loss Management
 - · Dysmenorrhea
 - Endometrial Protection
 - Endometriosis
 - Estrogen Deficiency Symptoms Non Hormonal Treatment
 - · Estrogen Management in Men
 - Estrogen Metabolism
 - · Fibrocystic Breast Changes
 - Hair Loss
 - · HPA Axis Dysfunction
 - Hormone Therapy in Women over 65
 - · Hypothyroidism
 - · Elevated Thyroid Antibodies
 - · Insulin Resistance
 - · Menorrhagia
 - · Abnormal Uterine Bleeding
 - Non-TRT Testosterone Optimazation
 - · PCOS/ Elevated Androgens in Women
 - PMS
 - · Postmenopausal Bleeding
 - · Progesterone Resistence
 - · Prostate Support
 - SHBG Management
 - · Sleep Support
 - Vaginal Dryness

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CLINICAL EDUCATION UNIT 5 MALE HORMONE REPLACEMENT

- Testosterone and Androgen Replacement Guides
- · DHEA Replacement Guide
- · Treatment Options
- · Testosterone Protocols
- Testosterone Controversies
- Non-TRT Treatment Optimization with Fertility Preservation
- Monitoring and Adjustment Protocols
- · Estrogen Management in Men
- TRT Contradictions

CLINICAL EDUCATION UNIT 6 HORMONE PELLET THERAPY

- · Theory and Application
- · Research
- · Treatment Protocols for Women
- · Treatment Protocols for Men
- · Risk Assessment and Management
- Monitoring Requirements
- · Adjustment Protocols
- Pellet Insertion

CLINICAL EDUCATION UNIT 7 MALE SEXUAL HEALTH

- Overview of ED and Non Pharmaceutical Approaches
- Erectile Dysfunction Treatment
- TRT Options, Adjunctive Therapy
- · Early or Delayed Ejaculation, Anorgasmia
- Nitric Oxide
- Auto Injector Demo
- Vacuum Pump
- · Injection Technique
- Vacuum Erection Device
- Penile Implant
- Troches

CLINICAL EDUCATION UNIT 8 FEMALE SEXUAL HEALTH (COMING SOON)

- Female Sexual Response, Libido and Female Sexual Dysfunction
- Anatomy & Physiology of the Female Sexual Response
- · Factor's Affecting Libido
- · Female Sexual Dysfunction Types
- Treatment & Management
- · Special Populations & Considerations

BONUS TRAINING MODULES

- · Low Dose Naltrexone
- Gut Health
- · GLP 1 and Other Weight Loss Options
- Nutrition for Optimizing Hormone
- Practice Implementation
 - Conducting Consults
 - · Packaging and Pricing
 - · Launching Your Practice
 - Tips for a Successful BHRT Practice
 - · How To Talk to patients about money

BHRT BUSINESS MINI COURSE

- Brick and Mortar
- · Telehealth Considerations
- · Business Models
- · Programs
- Back Up Plan
- Competition
- · Choosing an EMR
- Payment Processors
- Malpractice Insurance
- · Your Website
- Picking a Pharmacy
- · Supplements
- · Specialty Labs
- · When and Who to hire
- · Offering Other Services