Learning Objectives:

1. Neurological saliva testing for:
   A. Anxiety
   B. Sleep disorders
   C. Emotional disorders
   D. Hormones
2. Review history to determine if testing is necessary.
   A. Pertinent questions to ask patients.
3. Interpretation of test results/ranges:
   A. All pertinent neurotransmitter and Amino acid results
      1. Serotonin
      2. Epinephrine
      3. Nor epinephrine
      4. DOPA
      5. 5-HIAA
      6. Taurine
      7. Glycine
      8. Gluamate
      9. Jistamine
     10. PEA
     11. Dopamine
     12. DOPAC
     13. Cortisol
4. Review appropriate supplementation for support of abnormal findings:
   A. What the nutrients are.
   B. How they work.
5. On going management and retesting of patients.
6. Introduce SNPs (Single=nucleotide polymorphism)
   A. Definition: A variation in a single nucleotide that occurs at a specific position in the genome.
   B. Testing for SNPs.
   C. Most common variations.
   D. Supplementing for SNPs.

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<thead>
<tr>
<th>Time</th>
<th>Topic</th>
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<tbody>
<tr>
<td>Hour 1-2</td>
<td>Introduce neurotransmitter and Amino Acid testing as it pertains to</td>
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<td>patient symptoms.</td>
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<td>Hour 3</td>
<td>Discuss what results of this testing may indicate based on values.</td>
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<td>Hour 4-5</td>
<td>Discuss the supplemental support for each value tested and how it</td>
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<td>may support the resolution of symptoms.</td>
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<td>Hour 6</td>
<td>Introduction to SNPs and nutritional support for same.</td>
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