

**Table 5. Severe Hyperinsulinism In a 13-Yr-Old with Lupus Erythematosus\***

|                        | Fasting  | Hr ½      | 1 Hr      | 2 Hr      | 3 Hr      |
|------------------------|----------|-----------|-----------|-----------|-----------|
| Insulin uIU/mL         | 27.9     | 362.5     | 424.0     | 718.2     | 571.7     |
| Glucose mg/mL (mmol/L) | 70(3.88) | 140(7.77) | 157(8.71) | 150(8.33) | 111(6.16) |

**Insulin and Glucose Profiles Obtained After Four Months of Robust Integrative Therapies**

|                        | Fasting   | Hr ½       | 1 Hr        | 2 Hr       | 3 Hr      |
|------------------------|-----------|------------|-------------|------------|-----------|
| Insulin uIU/mL         | 7.2       | 125.1      | 238.5       | 208.0      | 132.0     |
| Glucose mg/mL (mmol/L) | 81 (4.49) | 154 (8.54) | 181 (10.04) | 130 (7.21) | 97 (5.38) |

\*The patient, a 13-yr-old girl with a history of three hospitalizations in one year for systemic lupus erythematosus, recurrent pneumonia, thrombocytopenia, and severe optic neuritis resulting in complete loss of vision in right eye. The peak insulin fell from 718 to 238.5 in four months of robust integrative treatment.

**Table 6. Severe Hyperinsulinemia in a Subject with Previously Undiagnosed Type 2 Diabetes\***

|                        | Fasting    | Hr ½       | 1 Hr        | 2 Hr        | 3 Hr       |
|------------------------|------------|------------|-------------|-------------|------------|
| Insulin uIU/mL         | 23.8       | 19.3       | 36.9        | 114.7       | 75.2       |
| Glucose mg/mL (mmol/L) | 112 (6.21) | 158 (8.77) | 214 (11.76) | 241 (13.38) | 129 (7.16) |

\* The patient, a 64-yr-old 5' 4" woman weighing 164 lbs. presented with hypothyroidism, history of coronary artery stent insertions, fatty liver, memory concerns and without previous diagnosis of type 2 diabetes.

**Table 7. Hyperinsulinism 18 Years After the Diagnosis of Type 2 Diabetes\***

|                        | Fasting    | Hr ½        | 1 Hr        | 2 Hr        | 3 Hr        |
|------------------------|------------|-------------|-------------|-------------|-------------|
| Insulin uIU/mL         | 12.9       | 27.2        | 29.2        | 36.2        | 25.4        |
| Glucose mg/mL (mmol/L) | 128 (7.10) | 224 (12.43) | 278 (15.42) | 297 (16.48) | 249 (13.81) |

\*The patient, a 74-yr-old 5' 6" woman weighing 155 lbs. presented with bronchiectasis, rheumatoid arthritis, prehypertension, and inhalant allergy.

**Table 8. Brisk Insulin Response with a “Flat” Glucose Tolerance Profile\***

|                        | Fasting   | Hr ½      | 1 Hr      | 2 Hr      | 3 Hr      |
|------------------------|-----------|-----------|-----------|-----------|-----------|
| Insulin uIU/mL         | 3         | 23        | 22        | 8         | <2        |
| Glucose mg/mL (mmol/L) | 72 (3.39) | 44 (2.44) | 63 (3.49) | 58 (3.21) | 65 (3.90) |

\*The patient, a 47-yr old 5' 5" woman weighing 170 lbs. presented with polyarthralgia, recurrent sinusitis, and fatigue.