Claims

1. A system for adjusting the blood glucose level of a person, comprising
   - an insulin delivery device configured to release insulin into the body of said person,
   - an EEG monitor having an EEG sensing part comprising EEG electrodes, said EEG monitor being adapted for being arranged in the ear region of the person with said EEG sensing part arranged subcutaneously at the scalp or arranged in the ear canal, said EEG monitor comprising an EEG signal processor arranged at the ear and adapted for identifying onset of hypoglycemia, and
   - a wireless communication link between said EEG monitor and said insulin delivery device,

   wherein said EEG monitor is configured to submit a warning signal to said insulin delivery device if an upcoming onset of hypoglycemia is identified by said EEG signal processor, said warning message causing said insulin delivery device to restrict the insulin delivery for a predetermined time period, and wherein a warning is provided to said person or to a caregiver.

2. The system according to claim 1, further comprising a glucose monitor.

3. The system according to claim 1, wherein said insulin delivery device is configured to notify said EEG monitor about a service needed on the insulin delivery device.

4. The system according to claim 1 or 2, wherein said system further comprises a glucagon or glucose delivery device controllable by said EEG monitor.

5. The system according to any one of the preceding claims, wherein said insulin delivery device is configured to deliver insulin only after having controlled that said EEG monitor is functioning and is capturing the EEG signal of said person.

6. The system according to any one of the preceding claims, wherein said EEG monitor comprises an antenna for said wireless communication link, said antenna being adapted for being placed outside the skin layer and outside the ear canal.

7. The system according to claim 2, wherein said glucose monitor is automatic, and is connected to said EEG monitor or to said insulin pump.

8. The system according to claim 7, wherein said EEG monitor is adapted to send a request to measure the glucose level in the event that an upcoming onset of hypoglycemia is identified.

9. The system according to any one of the preceding claims, wherein said EEG sensing part is arranged subcutaneously at the scalp.

10. The system according to any one of the preceding claims, wherein said EEG monitor comprises a speaker adapted for providing sound messages and alarms from both said EEG monitor and from said insulin delivery device to said person.