Across
4. organ that produces insulin
7. How should insulin be injected
8. a device that gives continuous infusions of insulin through a catheter
10. when insulin receptors are unresponsive or there are not enough of them the body is ____________
12. chronic multi system disease related to abnormal insulin production, impaired insulin utilization, or both
13. rebound effect where an overdose of insulin causes hypoglycemia

Down
1. known as juvenile onset diabetes
2. a popular type of long-acting insulin injection
3. increased, frequent urination
5. insulin coming from an outside source
6. only type of insulin used today
9. exposure to a virus can cause type one diabetes (true or false)
11. Common manifestations include fatigue, infections, prolonged wound healing, and visual changes. (true or false)