

# DEVICES, DELIVERY AND CONNECTED CARE

Our greatest interests lie in device and delivery solutions for Diabetes, Alzheimer's, Immunology, Pain and Oncology, with a specific focus in the following areas:

## **Connected Product Systems:**

- Connected injection and diagnostic devices
- Next-generation miniaturized electronics (sensing, power, communications, processing)
- Robust analytics platforms that provide actionable insights
- Novel, low-cost, real-time, non- or minimally-invasive biosensing or digital biomarker platforms
- Personalized, prescriptive algorithms/machine learning for disease management
- Technology-enabled services to support customers achieving better outcomes
- Data integration platform technologies that securely integrate disparate health and contextual data sources to enable a connected ecosystem that achieves better outcomes at lower cost and higher quality
- Medical algorithms for use in mobile medical applications





### **Biologic Delivery:**

- Formulation technology to reduce viscosity and/or enhance stability of biologics
- Needle-free delivery technologies
- Time-action modulation (small and large molecules)
- Preservation technology to enable multi-use biological preps
- Device technology, including body-worn devices, to rapidly deliver high-volume (>2ml) and/or high-viscosity (>10 cpd) biologic solutions
- Multi-pharmacology delivery systems, including fixed-dose combinations and bi-specific or combined dose antibodies
- Technologies to increase concentration of proteins
- Longer stabilization or eliminated/reduced preservative insulin technologies

### **Oral Biologic Delivery:**

- Formulation technologies
- Molecular engineering
- High oral bioavailability system for large(r) molecules

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