Real-World Data (RWD)
Data about patients’ health and care received that are routinely collected as part of getting care or daily living.

Real-World Evidence (RWE)
Clinical evidence from research studies about the use and possible benefits and risks of an intervention. It comes from analyzing real-world data.

Real-World Data are collected in one or more real-life situations, and can be gathered in databases for analysis.

- Administrative Claims
- Electronic Medical Records
- Patient Registries
- Wearables
- Social Media
- Large Surveys
- Pharmacy Records
- Electronic Medical Records from Health Care Visits
- Lab Results
- Real-World Database

Real-World Evidence: The result of analyzing real-world data.

Real-World Data → Real-World Data combined into a real-world database → Analyzed according to a research plan → Real-World Evidence

Why is Real-World Evidence important? It complements traditional research.

- May capture a broader and more diverse patient population
- Can address research questions that require:
  - Larger numbers of patients
  - Longer follow-up periods
- Can address research questions that cannot be studied by experiments for ethical or feasibility reasons
- Provides evidence reflecting real-life treatment and disease management