Generating Real World Evidence for Non-Communicable Disease Control

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Abstract: Real world data (RWD) can be claims and transactions for healthcare resource utilization, electronic health records, surveys, linked datasets and other digital data collected outside a traditional clinical trial. Non-communicable diseases (NCDs), including cardiovascular diseases, cancers, respiratory diseases, and diabetes, tend to be of long duration and are the result of a combination of genetic, physiological, environmental and behaviors factors. To prevent and control NCDs, it is important to understand the risk factors for disease progression and treatment patterns including treatment adherence. Because of the chronic nature of NCDs, real world evidence R(RWE), generated from RWD, about the risk factors and treatment patterns are particularly useful for gaining valuable insights for the prevention and control of NCDs. Methodology and examples will be discussed in this presentation.