What is Translational Research?
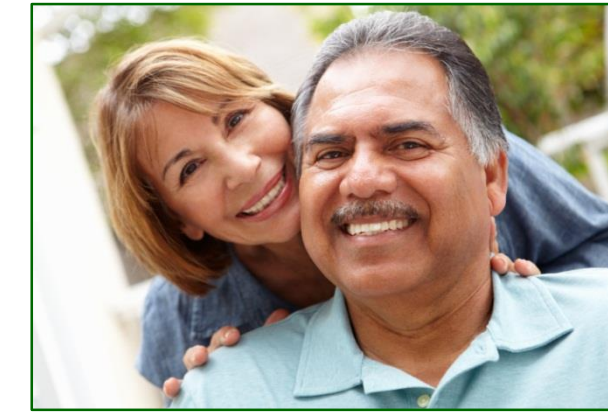
Definition	Description	A few examples…
T0: **Basic Research** **(not translational)**	**Basic Science Discovery & Lab Research**	
T1: Translation to Humans	**Testing basic science discoveries for clinical effect and/or applicability**	• **Preclinical & Animal Studies** • **Human Physiology** • **First in Humans** • **Proof of Concept** • **Phase 1 Clinical Trials**
T2 : Translation to Patients	**Testing new interventions in human subjects under controlled environments to form the basis for clinical applications and evidence-based guidelines**	• **Phase 2 Clinical Trials** • **Phase 3 Clinical Trials**
T3: Translation to Practice	**Research on the application of new interventions or therapies in general practice; research that yields knowledge on best ways to implement new medical interventions in the clinic**	• **Phase 4 Clinical Trials** • **Health Services Research** 　-Dissemination 　-Communication 　-Implementation • **Clinical Outcomes Research**
T4: Translation to Population Health	**Investigations of factors and/or interventions that influence the health of populations; ultimately results in improved health of the public**	• **Population-level Outcome Studies** • **Social Determinants of Health Policies**

THE ULTIMATE GOAL of Translational Research is
POPULATION HEALTH