

Mt Hood Diabetes Challenge 2026

Padua, Italy | 2–4 October 2026

Abstract Programme

Note: all session allocations are provisional and may be subject to change.

Saturday 3 October 2026

Afternoon

Parallel Session 1 — *Diabetes & Its Complications*

No.	Abstract Title	Presenter	Affiliation
1	A framework for decomposing treatment effects for type 2 diabetes models	<i>Paterson, Luke</i>	University of Oxford
2	Validation of Treatment Transition Model on Type 2 Diabetes against long-term real-world studies	<i>Smolen, Harry</i>	Medical Decision Modeling Inc
3	Integrating Secular Trends into Diabetes Health Economic Modelling	<i>Li, Xinyu</i>	University of Oxford

Parallel Session 2 — *Applied Health Economics*

No.	Abstract Title	Presenter	Affiliation
1	IPECAD: overview of its health-economic open source model and workshop on model cross-comparison	<i>Handels, Ron</i>	Maastricht University
2	Fasting Blood Glucose Trajectories across Age and Time in 13 Low-and Middle-Income Countries and the United States	<i>Sulola, Mubarak Ayodeji</i>	Heidelberg University
3	Cost-Effectiveness Study of Modern Combination Therapies in Preventing Type 2 Diabetes related Nephropathy in Germany	<i>Hille, Hanni</i>	GECKO Institute, Heilbronn University

Afternoon (continued)

Parallel Session 1 — *Diabetes & Its Complications*

No.	Abstract Title	Presenter	Affiliation
1	Development and validation of residual chronic kidney disease risk model in Chinese with type 2 diabetes on RASi therapy	<i>Lui, Juliana NM</i>	The Chinese University of Hong Kong
2	Healthy Participant Effect in Diabetes Trials: Standardised Mortality Ratios Over 44 Years in the UKPDS	<i>Li, Xinyu</i>	University of Oxford
3	Estimating the Excess Healthcare Costs of Type 2 Diabetes in Australia Using Linked Administrative Data	<i>Clarke, Philip</i>	University of Oxford and Melbourne

Parallel Session 2 — *Cost-Effectiveness and Diabetes*

No.	Abstract Title	Presenter	Affiliation
1	At what age should obesity be treated? A MRCDM© modeling exercise.	<i>Lamotte, Mark</i>	Th(is)?Modeling
2	Revisiting the cost-effectiveness of tocilizumab in the treatment of giant cell glucocorticoid-related adverse events	<i>Yang, Miaoqing</i>	University of Leeds
3	Multi-model inference for cost-effectiveness: Using model averaging to assess and address structural uncertainties	<i>Altunkaya, James</i>	University of Oxford

Sunday 4 October 2026

Morning

Parallel Session 1 — Health Services, Outcomes & Policy Research / Diabetes & Its Complications

No.	Abstract Title	Presenter	Affiliation
1	Transition probabilities and cost per prediabetes remission: Taiwan's national prevention programme	<i>Tan, Elise Chia-Hui</i>	China Medical University (Taiwan)
2	A Dynamic Machine-Learning Model to Identify Treatment Responders During Glucose-Lowering Therapy in Type 2 Diabetes	<i>Huang, Qi</i>	Peking University People's Hospital
3	Trajectories in Diabetes Care: A Longitudinal Cohort Study from China, England, South Africa, and the United States	<i>Marcus, Maja</i>	University of Michigan

Parallel Session 2 — Quantitative Methods and Theoretical Developments

No.	Abstract Title	Presenter	Affiliation
1	Quantifying The Value of Delaying T1D Progression: A New Cost-Effectiveness Model for Capturing Value of Delayed Onset	<i>Alsaleh, Abdul Jabbar Omar</i>	Sanofi
2	Estimating Representative Incidence and Mortality Rates for Multimorbidity Models from Cross-Sectional Prevalence Data	<i>Giardina, John</i>	Massachusetts General Hospital
3	Modelling the impact of adherence variability on the cost effectiveness analysis of eHealth Enhanced Chronic Care Model	<i>Hedfi, Souhayel</i>	The University of Queensland

Morning (continued)

Organised Session — *Synthetic Data for Diabetes Simulation: Applications in Trial, Registry, and Risk Equation Replication from REDDIE*

★ *Invited organised session — multiple presenters*

No.	Abstract Title	Presenter	Affiliation
–	Synthetic Data for Diabetes Simulation: Applications in Trial, Registry, and Risk Equation Replication from REDDIE	<i>Rogers, Gabriel; Lathe, James; Poletto, Sara</i>	University of Manchester / University of Oxford / University of Padua

Late-Breaking Session — *Diabetes & Its Complications*

No.	Abstract Title	Presenter	Affiliation
1	TBC	<i>TBC</i>	
2	TBC	<i>TBC</i>	
3	TBC	<i>TBC</i>	

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