Types of insulin resistance study

(1) Epidemiological study
   - All techniques†

(2) Physiological examination
   - All techniques except clamp‡

(3) Therapeutic intervention
   - All techniques†

(4) Large clinical investigation
   - All techniques†

(5) Routine clinical application
   - Simple indices*

†The priority is for the clamp technique followed by the alternative technique of FSIVGTT then simple indices.
‡The clamp technique which utilises supraphysiological insulin levels at steady state does not accurately estimate the natural conditions of insulin and glucose dynamics.
*It is not possible to apply the three hours technique of clamp or its alternative FSIVGTT in a routine clinical trial.