Gather into groups and choose at least one person prepared to make notes of your group’s discussion

**The task is for your group to produce an outline of a possible design for the studies described below**

Practical – Designing a study. Julia will start with a 20 minute powerpoint presentation about the TB-DM epidemiology leading up to TANDEM research questions:

RESEARCH OBJECTIVES:

1. Evaluate the most accurate and feasible strategies for screening pulmonary TB patients for DM
2. Determine the prevalence of DM in newly diagnosed TB patients, in distinct locations, and stratified by gender and age group
3. To define the requirements for glycaemic control during TB treatment, as well as the long‐term requirements for diabetes management in TB patients diagnosed with diabetes

TASK: Describe the key study designs you might use for each of the research objectives listed above

CONSIDER:

INCLUSION AND EXCLUSION CRITERIA

HOW PATIENTS MIGHT BE RECRUITED

WHAT ARE THE KEY OUTCOMES, OTHER RISK FACTORS AND CONFOUNDERS THAT SHOULD BE MEASURED

WHERE YOU WOULD OBTAIN THIS DATA FROM

BRIEF SAMPLE SIZE CALCULATIONS AND ANALYSIS PLAN

You may find it useful to use the PICO format to think this through. PICO / PECO format (Population, interventions or exposures, comparators, outcomes)