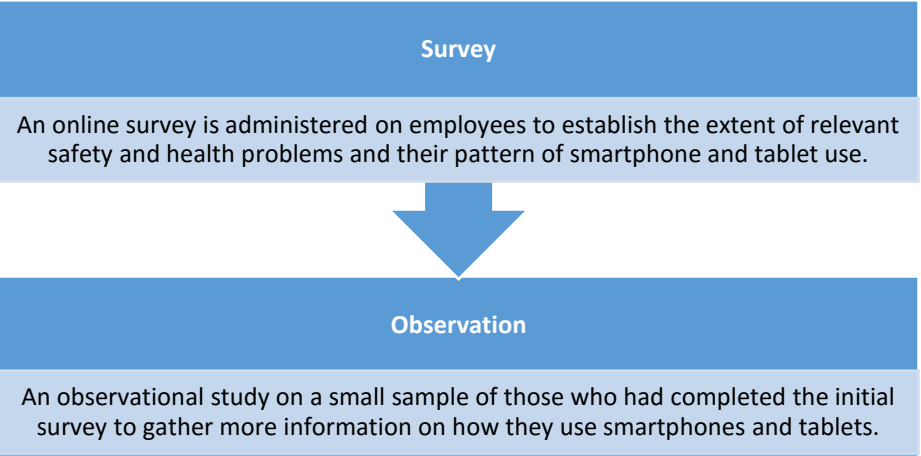


Name of research project:	Healthy Use of New Display Screen Equipment
Background/Rationale	<p>A number of risks to health have been associated with the use of computer technology for work. These include musculoskeletal disorders, visual-related problems (e.g. eye strain, headaches), and psychosocial issues (e.g. stress). Until now, most of the studies on the extent of such problems are focused on conventional technology (e.g. desktop computers or laptops).</p> <p>There is some evidence that increasing use of alternative technologies such as smartphones and tablets especially amongst office workers, has resulted in a change in the nature of such risks. They arise both from the different ways in which such devices are used and the different circumstances in which they are used, often away from a conventional office environment.</p> <p>However, this evidence is largely based on laboratory studies and not based on any evidence from the workplace, especially in respect of the Singapore workforce.</p>
Study Objectives and Design	<p>Study Objectives</p> <ul style="list-style-type: none"> • To determine the nature and extent of work-related safety and health problems associated with use of new DSE technologies in Singapore • To explore relationships between the problems identified and aspects of new DSE such as the manner and pattern of its use <p>Study Design</p> <div style="text-align: center;">  <pre> graph TD Survey[Survey] --> Observation[Observation] </pre> </div> <p>Survey</p> <p>An online survey is administered on employees to establish the extent of relevant safety and health problems and their pattern of smartphone and tablet use.</p> <p>Observation</p> <p>An observational study on a small sample of those who had completed the initial survey to gather more information on how they use smartphones and tablets.</p>
Interim findings/reports:	NA
Collaborator/s:	<ul style="list-style-type: none"> • Institute of Occupational Medicine (IOM) • Synergo Consulting Pte Ltd