

Course Title/Code:	Assisted Reproduction Technology (Laboratory) (MMPH6120)
Department:	Obstetrics & Gynaecology
Objective:	To give an overview on the scientific and practical issues of assisted reproduction with special emphasis on the laboratory aspect.
Content:	Reproductive physiology, assessment and principles of management of patients with subfertility; semen preparation and assessment of sperm function; embryo culture and cryopreservation in assisted reproduction; advanced laboratory techniques in assisted reproduction.
Learning outcomes:	<p>On completion of the course, the students are expected to</p> <ul style="list-style-type: none"> • describe the major changes in reproductive hormones in the females • state the assessment and principles of management of patients with subfertility • appraise the use of semen analysis and sperm function tests • select the appropriate methods for insemination and selection of embryos • explain the approaches to improve embryo development in vitro • describe the methods of gametes/embryos cryopreservation • describe the recent development in assisted reproduction technology
Prerequisite:	BSc or medical graduate
Duration:	6 x 2-hour tutorial; 2 whole day practicals; 24 contact hours
Continuous assessment/ examination ratio:	60% / 40%
Examination method/ duration:	Written examination / 2 hours
Remarks:	Also offered to RPg from other Faculties at HKU. Prior approval from the Department of Obstetrics & Gynaecology must be sought.