

**JABATAN OBSTETRIK & GINEKOLOGI FAKULTI  
PERUBATAN UKM  
(PUSAT REPRODUKTIF TERMAJU, ARC)**

**PROGRAM DIPLOMA PASCASISWAZAH EMBRIOLOGI (PDEK)  
SESI 2022/2023**

**DATE: 9 OCT 2023- 13 FEB 2024**

**HOLIDAY: MID SEM: 15-21 MEI 2023 & SEMESTER BREAK: 7 Ogos -8 Oct 2023.**

**LECTURER SEMESTER 1**

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# SEMESTER 1

09/10/23-13/10/23: WEEK 1 - ORIENTATION WEEK

## WEEK 2: FFEK6114: BASIC ANATOMY IN REPRODUCTIVE

DAY/ TIME	8.30 – 9.30 am	9.30 – 10.30 am	11.00 – 12.00 pm	1.00- 2.00pm	2.00 – 5.00 pm
<b>Mon</b> 16/10/23	Briefing (Dr. Azrai)		Introduction of ARC (AP Kadir)	<b>L</b>	
<b>Tue</b> 17/10/23		Basic anatomy of female reproductive system (AP Elvy Suhana)		<b>U</b>	
<b>Wed</b> 18/10/23				<b>N</b>	Tutorial: The abnormal anatomy of female reproductive tract and its clinical implication (AP Elvy Suhana)
<b>Thu</b> 19/10/23	Female reproductive organ during fetal life (AP Helmy)			<b>C</b>	
<b>Fri</b> 20/10/23				<b>H</b>	Tutorial Abnormality in female fetal reproductive system and its clinical implications (AP Ani Amelia)

## WEEK 3: FFEK6114: BASIC ANATOMY IN REPRODUCTIVE

DAY/ TIME	8.30 – 9.30 am	9.30 – 10.30 am	11.00 – 12.00 noon	1.00- 2.00pm	2.00 – 5.00 pm
<b>Mon</b> 23/10/23		Management of female subfertility (AP Faizal)		<b>L</b>	
<b>Tue</b> 24/10/23				<b>U</b>	Tutorial: Investigation in female subfertility (AP Faizal)
<b>Wed</b> 25/10/23		Basic anatomy of male reproductive system I (Dr. Mohamad Fairuz)		<b>N</b>	
<b>Thu</b> 26/10/23	Male Reproductive organ during fetal life (AP Helmy)			<b>C</b>	Tutorial: The abnormality in male fetal reproductive system (Dr. Mohamad Fairuz)
<b>Fri</b> 27/10/23				<b>H</b>	The abnormal anatomy of male reproductive tract and its clinical implication (Dr. Mohamad Fairuz)

**WEEK 4: FFEK6114: BASIC ANATOMY IN REPRODUCTIVE**

DAY/ TIME	8.30 – 9.30 am	9.30 – 10.30 am	11.00 – 12.00 noon	1.00- 2.00pm	2.00 – 5.00 pm
<b>Mon</b> 30/10/23		Male subfertility investigation (AP Kadir)		<b>L</b>	Tutorial: Management of male subfertility (AP Kadir)
<b>Tue</b> 31/10/23	Basic Human Genetics (Dr.Khaizurin)		Genetic disorder and its fertility sequelae (Pn.Sharifah Azwin)	<b>U</b>	
<b>Wed</b> 1/11/23		Basic in human embryology I – Normal fertilization & abnormal fertilization (Dr Azantee)		<b>N</b>	Management of genetic disorder (Pn.Sharifah Azwin)
<b>Thu</b> 2/11/23		Basic in human embryology II – Normal fertilization & abnormal fertilization (Dr Azantee)		<b>C</b>	
<b>Fri</b> 3/11/23				<b>H</b>	

**WEEK 5: FFEK6113: BASIC PHYSIOLOGY IN REPRODUCTIVE**

DAY/ TIME	8.30 – 9.30 am	9.30 – 10.30 am	11.00 – 12.00 noon	1.00- 2.00pm	2.00 – 5.00 pm
<b>Mon</b> 6/11/23		Basic physiology of female reproductive system (AP Helmy)		<b>L</b>	
<b>Tue</b> 7/11/23			Oogenesis (Dr.Azrai)	<b>U</b>	Tutorial: Abnormal oogenesis and its fertility consequences (Dr.Azrai)
<b>Wed</b> 8/11/23			Brief treatment in abnormal oogenesis (Dr.Azrai)	<b>N</b>	
<b>Thu</b> 9/11/23	Menstrual cycle and its abnormality 2) Menstrual abnormality and its fertility consequences Tutorial: Treatment in menstrual abnormality			<b>C</b>	
<b>Fri</b> 10/11/23		2) Menstrual abnormality and its fertility consequences (Dr. Su Ee)		<b>H</b>	Tutorial: Treatment in menstrual abnormality (Dr. Su Ee)

**WEEK 6: FFEK6113: BASIC PHYSIOLOGY IN REPRODUCTIVE**

DAY/ TIME	8.30 – 9.30 am	9.30 – 10.30 am	11.00 – 12.00 noon	1.00- 2.00 pm	2.00 – 5.00 pm
Mon 13/11/23		Basic physiology of male reproductive system (AP Kadir)		L	
Tue 14/11/23				U	
Wed 15/11/23		Spermatogenesis  (AP Kadir)		N	Tutorial: Abnormal spermatogenesis and its fertility consequences  (AP Kadir)
Thu 16/11/23				C	
Fri 17/11/23		Introduction to ART treatment & ART protocol  (AP Faizal)		H	Tutorial: Complications following ART treatment  (AP Faizal)

**WEEK 7: FFEK6134: BASIC OF REPRODUCTIVE LABORATORY**

DAY/ TIME	8.30 – 9.30 am	9.30 – 10.30 am	11.00 – 12.00 noon	1.00- 2.00 pm	2.00 – 5.00 pm
Mon 20/11/23		Introduction to embryology laboratory facilities  (Pn. Ilanah)		L	
Tue 21/11/23		Introduction of media and consumables  (Pn. Ilanah)		U	Good Laboratory Practices (Safety, Security, Sterility, hygiene, dressing code)  (Pn. Ilanah)
Wed 22/11/23		Media preparation  (Pn. Ilanah)		N	Oocyte identification, denuding and selection  (Pn. Ilanah)
Thu 23/11/23		Embryo cryopreservation  (Pn. Ilanah)		C	Embryo thawing  (Pn. Ilanah)
Fri 24/11/23		Oocyte cryopreservation  (Pn. Ilanah)		H	Tutorial: Oocyte, embryo and blastocyst grading  (Pn. Ilanah)

**WEEK 8- 27/11/23-03/12/23 MID SEMESTER**

**WEEK 9: FFEK6134: BASIC OF REPRODUCTIVE LABARATORY**

DAY/ TIME	8.30 – 9.30 am	9.30 – 10.30 am	11.00 – 12.00 noon	1.00- 2.00 pm	2.00 – 5.00 pm
<b>Mon 04/12/23</b>	IVF/ICSI culture (Pn. Audrey)	IVF vs ICSI procedure  (Pn. Audrey)		<b>L</b>	
<b>Tue 05/12/23</b>		Fertilization checking  (Pn. Nurshaireen)	Procedure in ART (OPU/ET)  (Pn. Nurshaireen)	<b>U</b>	
<b>Wed 06/12/23</b>				<b>N</b>	Gametes storage II - Review, contamination (Dr Azantee)
<b>Thu 07/12/23</b>		Gametes storage I - Gametes selection, grading and labelling  (Dr Azantee)		<b>C</b>	Gametes storage III - Transfer to other centre, security and confidentiality (Dr Azantee)
<b>Fri 08/12/23</b>				<b>H</b>	Tutorial : Embryology Laboratory tour  (Pn. Fazilah)

**WEEK 10: FFEK6134: BASIC OF REPRODUCTIVE LABARATORY**

DAY/ TIME	8.30 – 9.30 am	9.30 – 10.30 am	11.00 – 12.00 noon	1.00- 2.00 pm	2.00 – 5.00 pm
<b>Mon 11/12/23</b>		ART lab management I - (Data and equipment management)  (Lee Siew Yin)		<b>L</b>	
<b>Tue 12/12/23</b>		ART lab management II - (Documentation and report)  (Lee Siew Yin)		<b>U</b>	
<b>Wed 13/12/23</b>		ART lab management III -Termination and disposal of cryopreserved gametes - Waste management  (Lee Siew Yin)		<b>N</b>	
<b>Thu 14/12/23</b>		ART lab management IV -purchasing asset and consummables -budget  (Pn. Fazilah)		<b>C</b>	ART lab management V - Research - Audit  (Pn. Fazilah)
<b>Fri 15/12/23</b>				<b>H</b>	Trouble shooting – culture media, lab environment and risk management  (Pn. Audrey)

**WEEK 11: FFEK6133: BASIC OF ETHICS AND RESEARCH**

DAY/ TIME	8.30 – 9.30 am	9.30 – 10.30 am	11.00 – 12.00 noon	1.00- 2.00 pm	2.00 – 5.00 pm
<b>Mon</b> 18/12/23		Introduction to Research Methodolgy (Prof Shamsul)		<b>L</b>	
<b>Tue</b> 19/12/23		Introduction to Research Methodolgy (Prof Shamsul)		<b>U</b>	
<b>Wed</b> 20/12/23				<b>N</b>	Introduction to Research Methodolgy (Prof Shamsul)
<b>Thu</b> 21/12/23				<b>C</b>	
<b>Fri</b> 22/12/23				<b>H</b>	Introduction to Research Methodolgy (Prof Shamsul)

**WEEK 12: FFEK6112: MINI PROJECT PROPOSAL**

DAY/ TIME	8.30 – 9.30 am	9.30 – 10.30 am	11.00 – 12.00 noon	1.00- 2.00 pm	2.00 – 5.00 pm
<b>Mon</b> 25/12/23		Proposal writing I Selection of Mini project topic (AP Faizal)		<b>L</b>	
<b>Tue</b> 26/12/23		Proposal writing II Executive summary (AP Faizal)		<b>U</b>	
<b>Wed</b> 27/12/23				<b>N</b>	
<b>Thu</b> 28/12/23		Proposal writing III Problem statement (AP Faizal)		<b>C</b>	
<b>Fri</b> 29/12/23		Proposal writing IV Hypothesis and research question (AP Faizal)		<b>H</b>	

**WEEK13: FFEK6112: MINI PROJECT PROPOSAL**

DAY/ TIME	8.30 – 9.30 am	9.30 – 10.30 am	11.00 – 12.00 noon	1.00- 2.00 pm	2.00 – 5.00 pm
<b>Mon</b> <b>1/1/24</b>		Proposal writing V Literature reviews  (AP Kadir)		<b>L</b>	
<b>Tue</b> <b>2/1/24</b>		Proposal Writing VI Research methodology  (AP Kadir)		<b>U</b>	
<b>Wed</b> <b>3/1/24</b>		Proposal writing VII Compilation of proposal  (AP Kadir)		<b>N</b>	
<b>Thu</b> <b>4/1/24</b>				<b>C</b>	
<b>Fri</b> <b>5/1/24</b>		Proposal presentation  (AP Kadir)		<b>H</b>	

**WEEK 14: FFEK6112: MINI PROJECT PROPOSAL**

DAY/ TIME	8.30 – 9.30 am	9.30 – 10.30 am	11.00 – 12.00 noon	1.00- 2.00 pm	2.00 – 5.00 pm
<b>Mon</b> <b>8/1/24</b>		Proposal Correction I  (Dr Azrai)		<b>L</b>	
<b>Tue</b> <b>9/1/24</b>		Proposal Correction II  (Dr Azrai)		<b>U</b>	
<b>Wed</b> <b>10/1/24</b>				<b>N</b>	
<b>Thu</b> <b>11/1/24</b>		Ethic Submission I  (Dr Azrai)		<b>C</b>	
<b>Fri</b> <b>12/1/24</b>		Ethic Submission II  (Dr Azrai)		<b>H</b>	

**WEEK 15 : REVISION WEEK ( 15/1/24 – 19/1/24)****WEEK 16-18: EXAM WEEK (22/1/24-8/2/24)****WEEK 19-22: SEMESTER BREAK :12/2/24- 10/3/24**