



**DISCIPLINE OF OBSTETRICS
AND
GYNAECOLOGY**

2nd YEAR MEDICINE

EARLY HUMAN DEVELOPMENT

STUDENT INFORMATION SHEET

March 4th 2009,
0815-1000 hours

Main Lecture Theatre
First floor, Queen Victoria Building
Women's and Children's Hospital

2009

Objectives

The overall objective of this attachment to a pregnant woman is to follow the pregnancy, the growth and the development of a child from fetus to six weeks of age and the family dynamics of reproduction.

Supplementary objectives:

- To describe routine antenatal care
- To understand basic fetal development and growth
- To observe and understand maternal adaptation to pregnancy
- To observe labour and delivery
- To observe the psychosocial pressures and interactions of the family with a new baby
- To observe and understand normal neonatal care and development

Introductory Session

The objectives and mechanisms of the early human development attachment will be described at an introductory session on **March 4th at 0815** in the Main Lecture Theatre on the first floor of Women's and Children's Hospital, Queen Victoria Building. **It is essential that you attend this session.** Medical ethics will be a major component of this session.

Information sheet and consent form for the woman and her family

Students should read carefully the attached parents' information sheet. You will be expected to use your own initiative, professional manner and charm to approach several couples in hospital settings and eventually by mutual consent agree to be attached to the parents-to-be for this longitudinal study of the pregnancy progress. Formal consent must be given by the parents in a fair and non-intimidating manner. This will be discussed in detail at the introductory seminar. When the parents have had private time to consider your request, read the information sheet, have asked and had all their questions answered and are in full agreement to enter this observational teaching exercise, then you should obtain written consent on the attached forms. You will need two originals and 3 photocopies.

- 1. One original copy should be given to the parents.**
- 2. The other original should be sent to the Discipline of Obs & Gynae contact person (Jacki Smith, Uni Dept of O & G, Women's and Children's Hospital, 72 King William Rd, North Adelaide 5006. or handed in to Jacki Smith, Uni Dept of O & G, 1/F Queen Victoria Building, WCH)**
- 3. A copy should be kept by you.**
- 4. A copy should be put in the woman's medical record by the student**
- 5. A copy should be attached to your obstetrics' report.**

*****Steps 1-5 need to occur each time you find a new attachment.*****

National Police Check

It is important that students allocated to WCH begin the process of getting a National Police Check Certificate PRIOR TO THE START OF THE SEMESTER as it can take more than two weeks. (see below for more info re NPCs)

The following information was recently disseminated by the Human Resources unit at the Children, Youth & Women's Health Service to all of its staff and is particularly relevant to students attending the WCH

“As you are aware we have recently introduced a new process associated with Police Checks from 1 September 2008. On the whole the process is working quite well, however there are a number of issues that need to be addressed, as part of our monitoring process.

For Clinical Placement Coordinators/ Clinical Supervisors, Researchers, Managers, as you are aware students who attend the Hospital from Uni SA have their respective police checks administered through their University. For students of the University of Adelaide, and Flinders University and Observers they will need to provide a National Police Certificate to the Clinical Placement Coordinator, or relevant person who is then required to photocopy the certificate with the following statement written directly onto the copy to verify sighting and verification of the original document: "I certify that this is a true and correct copy of the original document". A verified photocopy of a National Police Certificate is to also include the following: signature and date of verification, the name and position title of the signatory (clearly legible), and whether the placement is a student or observer. The verified photocopy is then required to be sent to the Administrative Officer, Human Resources of the relevant campus (either North Adelaide or South Terrace Campus).

Should an adverse National Police Certificate be presented to the Clinical Placement Coordinator or relevant person, please contact the Director, Human Resources.”

In effect this formalizes what had been to-date a somewhat ad hoc arrangement and means that you will now NOT be able to attend the WCH for your clinical teaching sessions without a valid NPC.

The current cost for a Student Concession is \$33.50 but you must have your University of Adelaide Student ID card with you.

I have attached a pdf of the application form which must be printed off and completed. You then need to take it to a police station for the police to certify.

The police have advised you need to allow between 5-15 days for processing.

For further information go to www.police.sa.gov and follow the links for the National Police Certificate.

Once you have received your police clearance, it should be carried with you at all times so if you are asked to produce it on visits or clinical attachments, you can do this immediately.”

Sites for Patient enrolment

Students will be allocated by the academic staff to The Women's and Children's Hospital, The Queen Elizabeth Hospital, Lyell McEwin Hospital or Modbury Hospital for this attachment. The only way to change hospitals is to arrange to swap with a student at the hospital of your choice and seek approval from the University staff at the WCH. DO NOT request a change unless you have arranged this, as each hospital can only service a finite number of students.

Students must attend the hospital they are allocated on the day specified. If this is not possible students must ring the Dept secretary or antenatal clinic (see table below) of their allocated hospital to arrange another appointment. DO NOT VISIT THE CLINIC WITHOUT AN APPOINTMENT. This is unfair to the students who are there by appointment.

Patient enrolment will generally be in March, April and May. Patients should be in their second trimester (20-28 weeks) and thus likely to deliver around July to September allowing time for a 6 week post natal check before you complete your written assignment.

Teaching Hospital	University contact in O & G	Appointment contact No
Lyell McEwin Hospital	Prof Dekker (8182 9306)	8282 1601 (Antenatal Clinic)
Modbury Hospital	Prof Dekker	8161 2289 (Antenatal Clinic)
Women's and Children's Hospital	Prof MacLennan (8161 7619)	8161 7619 (Dept Secretary)
The Queen Elizabeth Hospital	Prof MacLennan (8161 7619)	8161 7619 (Dept Secretary)

Women's and Children's Hospital/The Queen Elizabeth Hospital

Students should introduce themselves to the midwife in charge that day and then they will need to check the medical records in the boxes outside each consulting room for the birth due date to find the women who birth at an appropriate time. These women can be approached in the waiting room and then, with their permission you should attend their appointment or you can ask the obstetrician to help recruit them during the consultation.

The Lyell McEwin Hospital

When students arrive at the clinic they should go to the midwives area at the back of the clinic (not the patient reception area at the front), introduce themselves to the midwife in charge that day who will explain how to check the patient records. They should check the approximate birthing date on the patient medical record and to approach the woman in the waiting room and to attend her clinic visit. Antenatal Clinics start at 9 am but the medical student should start from 8.30 so that they will have time to look through the notes before people start arriving for appointments and then need the notes. If on arrival, the student isn't sure who a midwife is we all wear white shirts with a grey stripe, there is also a clerical officer at the reception desk who may be able to find a staff member or direct them to Rosie's office.

Modbury Hospital

Students should introduce themselves to the midwife in charge that day and she will let you know which women are suitable.

Enrolment will be through antenatal clinics, but in some hospitals enrolment will be at parent education classes or the ultrasound department. Not all staff will be familiar with this type of student attachment and it is advisable to carry copies of Attachment C (Information for Health Professionals).

Identification Badges

It is **important** that you wear your University of Adelaide identification badge when attending the hospital.

Details of this will be given at the introductory session.

Timing

It is recommended that you choose a patient whose expected date of delivery is July to September 2009.

Student Numbers

There will be only one student per couple or patient.

Patient Characteristics

It would be appropriate to choose a patient who lives in an area of Adelaide accessible to you.

It is not appropriate to choose a friend or someone known to you for this clinical attachment.

It is obviously important to communicate in the patient's language and be accepted by the patient's partner and extended family.

Finding a patient at the antenatal clinic

Arrive just before the start of clinic so you have time to introduce yourself to the senior obstetrician in charge and the senior midwife. Explain your need for an attachment to a women expecting delivery between July and September. Try to make all staff seeing patients aware of your needs

When you are introduced to a patient:

- Engage them in conversation.
- Ask about them and their family.
- Interact with all members of the family.
- Try to be helpful and pleasant.
- Look professional – shorts, thongs and a rucksack are not a reassuring image for most cultures.
- Do not launch into discussion of your project and needs before you have established a good rapport.
- When introducing the project do not persist if they are not interested.
- Give the verbal and written information and leave them to decide at home after discussion with their family.

- Obtain a contact number. After a day or two phone to see if they have consented.
- Early contact with your patient thereafter is important to secure their interest.
- Try to secure two potential patients at the clinic. Phone and thank the second one if your first choice kindly accepts the attachment with you.
- Do not lose contact with your patient over student holidays. Send a postcard to show you are interested in her welfare. If possible, keep in phone contact.
- Make sure the extended family is comfortable with you and the project.
- Communication skills are very important for a successful attachment.
- A short précis and picture of yourself can enhance acceptance.

Pregnancy

Where possible and with the patient's permission, you should attend antenatal classes and antenatal visits with them. If the patient is admitted antenatally, you should offer to visit her. You should negotiate a mechanism by which you can be contacted when your patient goes into labour. Contact should be by the patient's family or friends rather than expecting hospital staff to find you. If possible you should observe and support the patient through labour and delivery as supervised by the labour suite staff. You are part of the patient's support team and not there to give obstetric care. You will have this opportunity in 5th Year.

Although you should not counsel your patient beyond your limited knowledge it is important that you understand any medical conditions or obstetric problems she encounters. You can read about specific obstetric issues at www.glowm.com – Global Library of Women's Medicine. This is an approved evidenced-based website with chapters written by specialists and it is free.

You should visit your patient in the hospital in the first few days after birth and at home when convenient to the family in the first few weeks after birth. This is an important time to observe the development and the dynamics of a new extended family.

If a medical student is concerned that the behaviour of a pregnant woman, her partner or some other person may be placing the health of her fetus at risk, the student is advised to raise his or her concerns with the supervisor of the attachment.

Completion Report

At your final visit about 6 weeks after the birth of the baby you will need to visit the family at home and ask the mother to fill in the **Completion Form**. The mother may choose to do this in front of you or to do it later and send it to the Discipline's office. This form is a requirement for passing this assignment.

Annual Report

Your report will be due by **23rd October in your second year** of medical training and should be after the 6 week postnatal period has ended. Reports should not be longer than 2000 words and should describe your involvement, visits, observations and lessons learned. The report should be about: medical and obstetric events; the family dynamics; and the influence of nature and nurture in the initial development of this child.

The report need not be structured but should contain:

- A brief summary of the medical and obstetric history including antenatal progress, complications, labour, delivery and maternal and neonatal outcomes.
- An account of your contacts with your patient and family during the last year. List the contacts and discuss how your relationship formed and what problems you may have experienced.
- Your understanding of any influences on fetal and neonatal development in this case. This should include physical and psychological influences on fetal and neonatal health.
- The effect of this pregnancy and new baby on the mother and family.
- Describe your interactions and lessons you may have learnt.

- Any remarks you have about this learning initiative.

The reports should clearly identify the student but the family involved should not be identifiable in the report.

The patient should not be identified by name but it is essential to include her hospital casenote number (UR Number) and the name of the hospital on the cover sheet. This allows the examiner to audit your report. Fabricating your report or copying of another student's report is a very serious offence and may jeopardise your career.

The UR number can be found on the medical notes or on the orange booklet kept by the mother as her antenatal record. Look for the label with the mother's details as this will include her UR number.

In the report give the parents and baby pseudonyms.

The reports are marked as non-graded Pass or Fail. Failure will require the project to be repeated.

The report will be handed to the secretary of the Discipline of Obstetrics & Gynaecology, 6/F Medical School North.

Patient Withdrawals

There are many reasons why patients and families may withdraw from this attachment, eg. miscarriage, perinatal death, relocation from Adelaide, preference not to have a student further involved etc.

In such a case thank the family for their help to date and arrange to find another family at approximately the same stage of development.

Enrolment of new patient

Contact the departmental secretary or Midwife in charge at your allocated hospital to arrange to attend an antenatal clinic.

Attend the clinic that you had attended for recruitment of the first patient.

Find a new patient.

If necessary apply for an extension to O & G Departmental Secretary, Jacki Smith (Ph: 8161 7619) or email: jacki.smith@adelaide.edu.au) based on the due date for the birth.

Find with our help a new patient of family at a similar stage of pregnancy.

The Obstetrics Report is due on October 23 2009.

If you experience any major problems, eg. practical, ethical, medical etc, please contact jacki.smith@adelaide.edu.au or ring 8161 7619

CONSENT FORM

MEDICAL STUDENT, EARLY HUMAN DEVELOPMENT ATTACHMENT

I _____
have received written and verbal information about the attachment of Adelaide
University Medical Student _____
Student ID _____ to my/our family.

I consent to allow him/her to observe my care when appropriate and when we give
verbal consent on each individual occasion.

I understand that he/she is there to observe the development of my baby before and
after birth until the age of six weeks.

When mutually convenient the student can visit my child and family at home or during
any admission to hospital.

When mutually convenient the student can be present at antenatal visits, the birth and at
visits my child requires to health professionals.

I agree to complete and sign the completion form at the final visit 6 weeks after the birth
of my baby as explained in the information sheet.

- I understand that my UR number will be given to the examiner and he/she may
check my medical records if an audit of the student's work is deemed necessary.
- I understand that I can withdraw from this agreement at any time.
- I understand that if I have questions or concerns about this student attachment I
can telephone the student supervisor (Prof MacLennan, Discipline of Obstetrics &
Gynaecology) on 8161 7619.

Signed by mother Date _____

Signed by father Date _____

PARENT INFORMATION SHEET

Early Human Development – Medical Student Attachment

An initiative of the University of Adelaide, Medical School is to encourage medical students to observe the progress of child development from pregnancy until the age of six weeks, through the second year of their medical course.

Each student is to find a couple who are happy to have the progress of their pregnancy observed. The student will not give any direct medical care but can support you and learn from your interactions with your chosen health professionals. The parents, too, will be able to observe the development of a medical student and indirectly will help mould him or her into a fully qualified doctor.

Past experience shows that these student attachments can be of value to everyone involved and you and your child may potentially become long-term friends with a young doctor who you helped during their training.

There are no obligations involved or extra time commitments. You and your student can mutually select each other and the attachment can be stopped at any time. The student is not responsible for your care and will not be expected to give you medical care although as his or her knowledge increases, you may wish to have their commentary. The students are encouraged to attend some of your antenatal visits, ultrasound appointment, any admissions to hospital and if possible, labour and delivery. The student will make a brief written report on the progress and health of you and the child they are following, without identifying the child or family in the report. Your UR number will appear on the coversheet and the examiner may check your medical records if an audit of the student's work is deemed necessary. Confidentiality is important and only the Chief Examiner will be involved in any audit. The students are directed by the Discipline of Obstetrics and Gynaecology (Professor MacLennan, telephone: 8161 7619). Questions at any time are welcome and can be directed as above.

We hope you will be generous enough to allow a student to become attached to you and your new child and we hope in time that perhaps you will become "attached" to your student. It is an important part of their education and we thank you for giving them this opportunity to watch the wonders of a child's development.

The final attachment contact is a visit to your home six weeks after the baby is born. At this visit we would like you to complete a Completion Form. You may give the completed form to the student or, if you prefer, send it by post to:

Ms Jacki Smith,
Uni O&G
1/F Queen Victoria Building
Women's and Children's Hospital
72 King William Rd
NORTH ADELAIDE SA 5006

It is important that you fill in this form as it will be difficult for the student to pass this assignment without a completed form.

Professor Alastair MacLennan
Discipline of Obstetrics and Gynaecology
The University of Adelaide



A copy of the consent form will be held in the University Discipline of Obstetrics & Gynaecology

COMPLETION FORM

MEDICAL STUDENT EARLY HUMAN DEVELOPMENT ATTACHMENT

Medical Student, _____ Student ID _____

Has completed his/her assignment with me. Yes / No

Did s/he attend antenatal clinics with you? Always Generally Rarely

Did s/he attend other appointments with you? Always Generally Rarely

Was s/he present for the delivery? Yes / No

Comments: (only if you want to)

Signed _____

Printed Name _____

Date _____

You may give the completed form to the student or if you prefer, send it by post to:

Ms Jacki Smith, Uni O&G, 1/F Queen Victoria Building, Women's and Children's Hospital, 72 King William Rd, NORTH ADELAIDE SA 5006.

It is important that you fill in this form as it will be difficult for the student to pass this assignment without a completed form.

HEALTH PROFESSIONALS INFORMATION SHEET

Child Development – Medical Student Attachment

An initiative of the University of Adelaide, Medical School is to encourage medical students in to observe the progress of child development from pregnancy until the age of 6 weeks, during the second year of a their medical course.

Each student is to find a couple who are happy to have the progress of their pregnancy followed until six weeks after birth. The parents, too, will be able to observe the development of a medical student and will indirectly help mould him or her into a fully qualified doctor. Past experience shows that these student attachments can be of value to everyone involved and the parents may potentially become long term friends with a young doctor they helped during his or her training.

The parents and the students mutually select each other and the attachment can be stopped at any time. The student is not responsible for the patients care and will not be expected to give direct care, although, as his or her knowledge increases, they may wish to have the student's commentary. The students are encouraged to attend some antenatal visits, ultrasound appointment, any admissions to hospital, visits to health professionals and, if possible, labour and delivery.

The student will make a written report on the progress and health of the child and mother they are following, without identifying the child or the family in the report. The students are directed by the Discipline of Obstetrics and Gynaecology (Professor MacLennan, telephone: 8161 7619). Questions at any time are welcome and can be directed as above.

Patient enrolment will generally be in March, April and May. Patients should be in their second trimester (20-28 weeks) and thus likely to deliver around July to September. The students will be in their second year and inexperienced. They are not expected to give patient care although they can be involved, with informed parental consent, in supervised patient care appropriate for their student status. The students are primarily there to observe your expert care and will play the role of any other support person invited by the patient.

We appreciate that extra student contact is an imposition on your time. The first student/patient contact (where enrolment occurs) will require tact, explanation and some supervision. A patient information sheet will be given to all prospective parents interested in collaborating in this educational exercise. After students and parents are affiliated, the student is an observer and there is no demand for him or her to be directly taught.

Site of Enrolment

In different University of Adelaide hospitals the department in which the first patient/student contact occurs will be different, eg. antenatal clinic, antenatal education classes and ultrasound departments. We discourage student/patient enrolment at a first antenatal visit, due to potential information overload at that visit.

Multiparous patients may be easier to enroll and more confident about student contact. For many medical students this will be their first in depth patient contact and you may represent their first impression of hospital staff/student interaction. Whilst the students may need some early advice about the potential suitability of the patient/couple it is their responsibility to enroll the patient and obtain informed written consent.

If possible it would be appreciated if the students could sit in with a doctor or midwife during the clinic and are encouraged to learn how to communicate.



ASSIGNMENT COVER SHEET

Student Name:

Student ID:

Year Level:

Year you did First Year.....

Assignment Details:

.....

.....

.....

UR number of women involved.....

Name of assigned hospital.....

Plagiarism Statement: I hereby declare that the following is entirely my own work, unless otherwise stated, in accordance with The University of Adelaide's policy on plagiarism and that it has not been submitted for assessment in this or any other course of study.

Signed:

Submission Date: