

Adv Ob Gyn Sonography : Assignment 3: Professional plan : Clinical artifact

This is worth 40% of the marks for the course. Word count for the whole assignment is 2500 words.

Please note: the term 'artifact' here means "a tool for subsequent use" and NOT the artefact from physics

This is an exercise to challenge students to try a new technique in their scanning practice or working towards an additional scanning accreditation or certification, to help your professional development and contribute to improved patient care.

In this assignment, they will have the opportunity to showcase their creativity, critical thinking, and problem solving skills by **learning a new technique and designing a novel clinical protocol for practice.**

The new technique could be anything they choose in the area of advanced obstetrics and gynaecology for their own professional development (excluding the fetal heart, as the fetal heart is beyond the scope of this course). They will get more out of this assignment if they choose a topic that they do not have much experience in, and would like to develop knowledge and skills in the area. For example, if they are already performing nuchal scans and are accredited to perform nuchal scans, and they choose nuchal scans for this assignment, it will be a lost learning opportunity, as they would have been better off exploring another topic in depth - a topic which they did not know much about.

Topics can include but are not limited to basic pelvic floor imaging with awareness of landmarks, 3D reconstruction of corpus callosum or using 3D to reconstruct the endometrium in every gynaecology scan, assisting in amniocentesis **OR** applying and working towards a new accreditation such as NT, first trimester uterine artery certification or ductus venosus Doppler accreditation or scanning multiple gestation pregnancies.

In this assignment, they will have the opportunity to showcase their creativity, critical thinking, and problem solving skills by designing a novel clinical tool/ protocol for practice.

They should create this assignment as an e-portfolio page which includes info on

1. the new technique or the accreditation pathway,
2. its relevance to their practice with background into the chosen topic
3. their plan to achieve that technique or pathway
4. any challenges involved and how they plan to overcome those
5. progress made
6. ultrasound protocol on this topic for their department
7. work in progress for learning and implementation of technique/protocol in practice

More details are available through the course learnonline site.