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| **MODULE TITLE** | **Basic Surgical Skills/Transplant and Vascular Access Surgery.** |
| MODULE TUTOR DETAILS |
| Name of Module Leader/s | Mr Jeremy Crane |
| Department/Location | West London Renal and Transplant Centre (WLRTC) |
| Hospital Name | Hammersmith Hospital |
| Telephone Number | 07961358303 |
| Fax Number |  |
| Email Address | j.crane@imperial.ac.uk |

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| FIRST DAY REPORTING INSTRUCTIONS FOR STUDENTS |
| **Please report to De Wardener ward at 8am on the first Monday of the placement. This is on the 2nd floor of the renal building at the Hammersmith** |

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| MODULE AIM |
| **The aim is to expose the students to the exciting specialty of transplantation (kidney and pancreas)and vascular access surgery whilst learning and refining basic surgical skills, (Knot tying, suturing etc). For three weeks the students will become integral and respected members of a dedicated team whilst having the opportunity to be involved in audit and research projects.** |

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| **LEARNING OUTCOMES** |
| **Knowledge of a surgical firm structure but within a multidisciplinary team setting. Learning about the fascinating elements of transplant surgery including the surgical, nephrological, immunological and ethical aspects. Skills to be learnt include scrubbing up and becoming more familiar with theatre environment, basic surgical skills in theatre and in the clinical skills lab in Ham House (where I am based as a clinical skills tutor). They will also learn basic concepts underpinning peritoneal dialysis and haemodialysis. Learning more about how to interpret a scientific paper and the opportunity to learn and be involved in the audit cycle and new research.** |

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| **KEY LEARNING EVENTS** |
| **Teaching activities; daily tutorials mostly by me and by my surgical SpR, ward rounds, clinics, MDT and X ray meetings, operating theatre sessions, clinical skills lab sessions. Will also tailor tutorials to refining history and examination techniques being cognisant of the run-up to finals.** |

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| BACKGROUND INFORMATION REGARDING YOUR MODULE/DEPARTMENT |
| **The WLRTC is the largest centre for renal disease in Europe looking after ~10% of the UK’s dialysis population with an equivalent highly productive transplant (deceased donor / live donor / altruistic donor kidney and pancreas) program. I also run the main dedicated vascular access (fistula) program in the region. This unit is an ideal environment for final year students, all the students that have experienced this placement as an SCM with my colleagues have enjoyed it immensely and I only want to improve on that experience. It is also possibly the only opportunity within medical school to be exposed to transplantation and all the ethical issues associated.****It is also my aim to allow the students to genuinely feel a respected and an integral member of the surgical team, not just a ‘spare part’ and this enables excellent working relationships not just for the placement but for the future.** |

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| ASSESSMENT SPECIFIC TO THIS MODULE |
| **I would like each student to carry out at least one research or audit project and also present a case of one of the patients they have been involved in looking after.** |

**Maximum number of students: 3**