

<i>Operative Milestones</i>	N/A	(0) Cannot describe this procedure	(1) Can describe, but not perform the procedure	(2) Can perform with senior assistance/significant guidance	(3) Can perform with minimal oversight or assistance	(4) Can perform independently	(5) Can lead a junior trainee through the technique or procedure
SECTION 1: BACKTABLE PROCEDURES							
KIDNEY BACKTABLE							
1. Backtable preparation of right or left kidney							
2. Backtable preparation of right or left kidney with common variants							
3. Backtable preparation of right or left kidney with complex vascular reconstruction							
PANCREAS BACKTABLE							
1. Backtable preparation of pancreas							
2. Arterial reconstruction of pancreas							
LIVER BACKTABLE							
1. Backtable preparation of an adult whole liver, standard anatomy							
2. Backtable preparation of adult whole liver, replaced left arterial anatomy							
3. Backtable preparation of adult whole liver, replaced right arterial anatomy							

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SECTION 2: TRANSPLANTATION PROCEDURES							
KIDNEY TRANSPLANTATION							
1. Performs exposure and implantation of kidney in straightforward case.							
2. Performs exposures and implantation of kidney in difficult body habitus or redo transplantation							
3. Performs vascular anastomoses in complex arterial or venous anatomy							
4. Performs ureteral anastomosis in complex ureteral reconstruction							
5. Performs implantation into pediatric patient (<25kg or 6 years old)							
6. Performs complex implantation: pediatric en bloc, dual kidney							

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LIVER TRANSPLANTATION							
1. Performs hepatectomy in straightforward case.							
2. Performs vascular implantation of liver in straightforward case.							
3. Performs biliary anastomosis							
4. Performs implantation into pediatric patient (<25kg or 6 years old)							
5. Performs implantation of partial/technical variant liver graft							
6. Performs procedure in a technically complex case: portal vein thrombectomy							
7. Performs procedure in a technically complex case: arterial conduit							
8. Performs procedure in a technically complex case: redo transplant							
9. Performs procedure in a technically complex case: veno venous bypass							

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PANCREAS TRANSPLANT							
1. Performs exposures and implantation of pancreas (PAK, P, SPK) in straightforward case.							
2. Performs exposures and implantation of pancreas (PAK, P, SPK) in complex case							
SECTION 3: DONOR							
Section 3a: Procedures							
LIVING DONOR NEPHRECTOMY							
1. Preoperative preparation: Reviews anatomy and identifies patient specific concerns							
2. Performs right donor nephrectomy in straightforward case.							
3. Performs left donor nephrectomy in straightforward case.							
4. Performs donor nephrectomy in complex case.							

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Brain Dead Donor ORGAN PROCUREMENT							
1. Performs warm operative dissection and vascular cannulation							
2. Performs cold dissection and removal of kidneys							
3. Performs cold dissection and removal of liver							
4. Performs procurement of pancreas							
5. Performs procedure in pediatric donor (<25kg or <6 years old)							
Donation after Cardiac Death Donor ORGAN PROCUREMENT							
1. Performs rapid laparotomy and vascular cannulation/clamp/vent/flush							
2. Performs cold dissection and removal of kidneys							
3. Performs cold dissection and removal of liver							
4. Performs procurement of pancreas							
5. Performs procedure in pediatric donor (<25kg or <6 years old)							

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Section 3b: Organ Assessment							
Assessment of Deceased Donor Kidney							
1. Organ offer assessment							
2. Intraoperative assessment (flush, anatomy)							
Assessment of Deceased Donor Liver							
1. Organ offer assessment							
2. Intraoperative assessment (size, anatomy, flush, quality, biopsy)							
Assessment of Deceased Donor Pancreas							
1. Organ offer assessment							
2. Intraoperative assessment (quality)							
Intestinal transplantation							
1. Performs procurement of isolated intestine (or MVIS) for transplantation							
2. Performs backtable preparation of intestine (or MVIS)							
3. Performs exposure for isolated intestine (or MVIS) transplantation							
4. Performs implantation of isolated intestine (or MVIS)							

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Section 4a: Patient Care							
1. Evaluation of potential transplant recipients (liver/kidney/pancreas)							
Evaluates and identifies relevant surgical and medical factors that determine candidacy for transplant.							
Identifies relative and absolute contraindications to transplant.							
Provides informed consent regarding the transplant process, operation, anticipated post transplant course and special donor considerations							
2. Post operative management of transplant recipients							
Standard management of post-operative transplant recipients							
Management of common post-operative problems							
Management of complex post-operative complications (liver/kidney/pancreas)							
Immunosuppression management (including diagnosis and management of ACR/AMR)							
3. Clinic responsibilities							
Conducts pre and post operative visit of transplant patients							
Manages common outpatient problems in the pre and post transplant patient							

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4. Evaluation of potential living donors (liver/kidney)							
Evaluates and identifies relevant surgical, medical and ethical factors that determine candidacy of living donor.							
Provides informed consent regarding the donor process, operation and anticipated post operative course							
5. Management of post-operative living kidney or liver donors							
Standard management of post operative living donors							
Management of common post-operative problems of living donors							
Section 4b: Professionalism and Communication							
6. Professionalism							
	N/A	1) Strongly disagree	2) Disagree	3) Neutral	4) Agree	5) Strongly agree	
Ensures patient care responsibilities are performed and continuity of care is maintained							
Accepts responsibility for errors in patient care and can initiate corrective action and review							
Demonstrates integrity and ethical behavior in all aspects of care and professional relationships							

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7. Interpersonal and Communication Skills							
	N/A	1) Strongly disagree	2) Disagree	3) Neutral	4) Agree	5) Strongly agree	
Behaves polite and respectful toward patients, their families, other health care professionals and trainees							
Exhibits compassion and empathy toward patients and their families							