

Transplant Nephrology Fellowship Education Program

SAMPLE ANNUAL SCHEDULE

Month	Clinicals	Didactics	Notes
July	Outpatient	Biopsy training	
August	Inpatient	Surgical observations	
September	Outpatient	AST's Fellows' Symposium	
October	Inpatient	HLA virtual lectures (UCLA)	
November	Outpatient	HLA workshop at UCSF	Board exam
December	Inpatient		
January	Outpatient	Transplant ID clinic + inpatient rotation	Start fellows' own continuity clinic
February	Inpatient		Start taking night/weekend calls
March	Outpatient	Pathology rotation	
April	Inpatient		
May	Outpatient	Liver transplant experience	
June	Inpatient	Attend American Transplant Congress	
July	Outpatient		

INPATIENT ROTATION

Expectations

Clinical Duties	Didactics and Committees
<ul style="list-style-type: none"> • 6 am to 6 pm on pager M-F • Attend 9:30 am MDM conferences (M-F) in-person/virtual – be the nephrology representative for patient care • Cover 1 weekend per month the last 6 months while on inpatient service • Cover 1 night call per week the last 6 months while on inpatient service • 1 acute post clinic per week (Friday mornings) • 1 continuity post-transplant clinic per week the latter part of fellowship 	<ul style="list-style-type: none"> • Attend general nephrology grand rounds and journal club • Attend transplant grand rounds and journal club • Attend fellows' conference • Attend and lead biopsy conferences (Wednesdays at 10 am) • Attend high risk post meetings (Alternate Wednesdays at 11 am) • When possible: • Attend waitlist committees (Fridays at 12 pm) • Attend selection committees (Wednesdays at 12 pm) • Attend LD committees (Wednesdays at 2:30 pm) • Attend highly sensitized patient review (2nd Wednesdays at 4 pm)

Sample Week

	Monday	Tuesday	Wednesday	Thursday	Friday	Weekend
Required	9:30 AM Multidisciplinary Rounds	9:30 AM Multidisciplinary Rounds	9:30 AM Multidisciplinary Rounds 10:00 AM Biopsy Conference 11:00 AM High risk post patient review 5-6 PM Transplant Grand Rounds or Journal Club	9:30 AM Multidisciplinary Rounds 1-4 PM Continuity clinic**	8 AM – 12 PM Acute post transplant clinic	Cover the service 1 weekend per month in the latter half of the year
Optional		7:30 am – 9:30 am General nephrology grand rounds & journal club	12:00 PM Selection Committee 2:30 PM Living donor committee	12:00 PM Internal Medicine Grand Rounds	12 PM Waitlist committee 1:00 PM Fellows’ Conference	
Pager Coverage	6 am – 6 pm	6 am – 6 pm	6 am – 6 pm 6 pm – 6 am*	6 am – 6 pm	6 am – 6 pm	

*One night call per week while on inpatient rotation the latter half of the year

**Fellows will begin having their own continuity clinic on Thursday afternoons in the second half of the year

OUTPATIENT ROTATION

Expectations

Clinical Duties	Conferences
1 Biopsy Clinic per week 1 LD clinic per week 1-2 Pre-Transplant clinics per week 2-3 Post continuity clinics per week 0.5-1 day per week for research or didactics	<i>Didactics</i> <ul style="list-style-type: none"> Attend general nephrology grand rounds and journal club Attend transplant grand rounds and journal club Attend fellows’ conference <i>Committees</i> <ul style="list-style-type: none"> Attend and lead biopsy conferences (Wednesdays at 10 am) Attend high risk post meetings (Alternate Wednesdays at 11 am) Attend waitlist committees (Fridays at 12 pm) Attend selection committees (Wednesdays at 12 pm) Attend LD committees (Wednesdays at 2:30 pm) Attend highly sensitized patient review (2nd Wednesdays at 4 pm)

Sample Week

	Monday	Tuesday	Wednesday	Thursday	Friday
AM	Living donor clinic	Acute post-transplant clinic	<i>Conference Day</i> 10:00 AM Biopsy Conference	Biopsies	Acute post transplant clinic
PM	Pre-transplant clinic	Pre-transplant clinic	11:00 AM High risk post patient review	Continuity clinic	Didactics
Conferences		7:30 am – 9:30 am General nephrology grand rounds & journal club	12:00 PM Selection Committee 2:30 PM Living donor committee 5-6 PM Transplant Grand Rounds or Journal Club	12 PM: Internal Medicine Grand Rounds	1 PM: Fellows conference

Clinic Description

1. Acute post-transplant clinic: For patients within 3 months post-transplant. Fellows should see 3-6 patients during this clinic.
2. Pre-transplant clinic: Evaluation of pre-transplant candidates. Fellows should see 2-4 patients during this clinic.
3. Living donor clinic: Evaluation of potential living kidney donors. Fellows will see 1-3 patients during this clinic.
4. Post-continuity clinic: Attending specific clinic for transplant recipients more than 3 months post-transplant. Fellows will eventually have his/her own continuity clinic panel. Fellows will see 4-6 patients during this clinic.
5. Biopsy clinic: Up to 4 patients are scheduled for each morning, including surveillance and indication biopsies. Fellows will participate in all scheduled biopsies.

DIDACTICS

General Nephrology:

- Tuesday morning journal club + grand rounds (7:30 am – 9:30 am)
- Friday afternoon fellows’ conferences (1 pm)
- Present 1 general nephrology grand rounds on a topic of your choice

Transplant Nephrology:

- Monthly journal club
- Transplant grand rounds, 1-2 per month
- Weekly biopsy conference

- Bimonthly curriculum review sessions (AST/ASTS curriculum)
- Monthly research meeting
- CQI and case review meetings, 3 per month
- High risk post-transplant patient review meetings, 2 per month
- Monthly highly sensitized patient review meetings
- Present 1 transplant nephrology grand rounds on a topic of your choice
- Present 1 transplant nephrology journal club on a topic of your choice

Curriculum:

- AST's Comprehensive Trainee Curriculum online resource. Topics to be covered include:
 1. Overview of Transplant Immunology
 2. Induction and Maintenance Immunosuppression
 3. Overview of Transplant Pathology
 4. Approach to Fever and Infections in Transplant Recipients
 5. Non-Graft Complications in Solid Organ Transplantation: Metabolic, Malignancies, Etc.
 6. OPTN: Legal and Regulatory Framework & How OPTN Policy Development Works
 7. Evaluation of Recipient Candidacy for Renal Transplantation
 8. Kidney Allocation/Organ Quality
 9. Induction and Maintenance Immunosuppression in Renal Transplantation
 10. Overview of Rejection: Diagnosis, Pathology, Management and Outcomes
 11. Renal Graft Pathology
 12. Clinical Assays of Immune Function and Transplantomics
 13. Histocompatibility Techniques and Risk Assessment Before and After Transplantation
 14. Induction/Rejection Therapy
 15. Maintenance Immunosuppression
 16. Drug Interactions and Safety
 17. Infectious Disease: Pre- and Early Post-operative Issue
 18. CMV after Solid Organ Transplantation
 19. Bacterial and Parasitic Infections after Solid Organ Transplantation
 20. Post-Transplant Lymphoproliferative Disease
 21. Psychosocial Aspects of Organ Transplantation and Living Donation
 22. Regulatory Issues in Transplantation: CMS, UNOS, SRTR, outcome reporting
 23. Women's Health Issues
- Handbook of Kidney of Transplantation (Danovitch)
- Attend AST's Fellows' Symposium
- Attend American Transplant Congress or Kidney Week

ELECTIVES / ADDITIONAL TRAINING

1. Immunology training
 - a. Lectures from UCLA (virtual) – occurs quarterly over a 5-day period
 - b. UCSF's 1 day in person HLA lab workshop for transplant fellows
2. Liver transplant experience
 - a. Round with liver transplant service for 1 week (no management or consultation role, observation only)

- b. Attend liver selection committee weekly for 1 month
- 3. Pathology
 - a. Weekly sessions with pathologists
- 4. Infectious Diseases
 - a. 1 week to spend with transplant ID on their inpatient service
 - b. Attend additional 2-3 outpatient ID clinics
- 5. Research/scholarship (optional but encouraged). Fellows to choose to complete one of the following with the goal of publication (abstract or manuscript):
 - a. Case report/series
 - b. Research project of fellows' choice
 - c. Book chapter or review article