

CTSNet Program Profile Questionnaire

PROGRAM DETAILS

1. Names of the
 - a. Program director: [Douglas Wood, MD](#)
 - b. Chief(s) of cardiothoracic division: [Douglas Wood, MD](#)
2. Program Contact information:

[Delloney Wallyce](#)
[Residency Program Coordinator](#)
[206-685-8644](#)
delloney@uw.edu
3. Link to your program's website: <http://depts.washington.edu/surgery/divisions/cardiothoracic/index.html>
4. We would be happy to post relevant pictures regarding your program (3 pictures maximum).
5. Indicate the # of residents accepted per year to your program: [2](#)
6. Indicate the length of the program: [2 years](#)
7. Does your program have separate cardiac and thoracic tracks? [No](#)
8. Indicate the approximate deadline for application and interview dates:
 - a. Deadline: [February](#)
 - b. Interview dates: [April](#)

CASE VOLUME

1. Please indicate the average number of cases per year performed in your program for the following ABTS categories:

	Total Annual Institution Cases	Total Cases per Resident <i>(Two Year Totals)</i>
Total number of cardiac cases:	708	250
Total number of thoracic cases:	1216	258
Congenital heart disease:	350	40
Acquired valvular heart:	244	54
Valve repairs:	32	10
Myocardial Revascularization:	247	72
Aorta:	134	10
Pneumonectomy, lobectomy, segmentectomy:	130	52
Esophagus resection:	12	14
Benign Esophageal Disease:	14	6
Heart transplants:	35	10
Lung transplants:	55	24
Ventricular assist device:	37	14
Minimally invasive cardiac:	23	Not Available
VATS	Not Available	116

CURRICULUM

1. Details of curriculum:
 - a. Indicate the # of months on each rotation for each year (for each cardiac and thoracic track if applicable), and which hospital(s).

Year 1: UWMC- 9 months (3 mos. Thoracic/3 mos. Cardiac/3 mos. Cardiothoracic)
VAPSHC- 3 months cardiothoracic

Year 2: UWMC- 6-9 months (3 mos. Thoracic/3 mos. Cardiac/1-3 mos. Cardiothoracic)
VAPSHC- 3 months cardiothoracic
SCHMC- 0-2 months congenital

UWMC=University of Washington Medical Center
VAPSHC=Veterans Administration
SCHMC=Children's Hospital
 - b. Please describe any opportunities for electives
Harborview Medical Center: Endovascular Rotation (1 month)
Virginia Mason: Esophageal Surgery Rotation (1 month)
Opportunities for other electives at discretion of Program Director
 - c. Please describe any wet labs and simulation technology used in training and how frequently these are used:
Porcine heart wet labs are conducted periodically throughout the year, emphasizing repair and reconstruction of structural heart disease. Aortic valve and root reconstruction and mitral valve repair and replacement labs are examples.
Simulation training is available in ISIS. Starting this July, we will have the Ramphal high fidelity beating heart simulator. We have an aggressive curriculum centered around this simulator and all residents should expect extensive simulation experience prior to graduation.
 - d. Please briefly describe the number and type of weekly conferences residents are expected to attend:
UWMC: Thoracic Educational Session, Cardiac Educational Session, TSDA Curriculum, Cardiology/Cardiac Surgery Cath Conference, Cardiology Grand Rounds, Tumor Board
VAPSHC: CT Educational Session, Cath Conference, Tumor Board
SCHMC: Pre-op patient conference, M&M Conference, Didactic Educational Conference, Pediatric Cardiology Didactic Educational Conference
 - e. Please indicate what provisions are made for attending national research meetings (i.e., # per year for which funding is provided, and if that is dependent on presenting an abstract):
Each resident is generally supported to attend one national meeting each year. If a resident is presenting at any meeting, they are also supported to attend.
 - f. Please describe opportunities for research (clinical, basic science):
As an academic institution, our faculty are constantly involved in clinical research and trials, outcomes research, and basic science research. Numerous opportunities are available for residents to participate. Additional academic opportunities exist in book chapter authorship and electronic media.
 - g. Please describe the call structure (i.e., frequency, in-house vs. home call):
Home Call-frequency varies: Mostly every third night
 - h. Please indicate whether funds are provided for loupes? Textbooks? Phones?
Loupes & Textbooks
2. Subjective:
 - a. Please describe your program's biggest strengths
Faculty is involved in national leadership positions
Emphasis on education that fits individual resident goals (this is reflected in our track record of graduating competent graduates in both academic and community practice).
We have a balanced program that is strong in both cardiac and thoracic surgery.
 - b. Please provide 1-2 adjectives that describe your program
Broadly Based, Well Balanced

- c. Please indicate what is unique about your program relative to other programs
 To date, we are the only program with approved 5/2, I6, and 4/3 tracks for residents, as well as a congenital fellowship. In addition, plans are under way for an ACGME approved CT surgery critical care fellowship

GRADUATES

1. Indicate the percentage of graduates that do further training:
 In the last 10 years, NONE of our residents pursued additional training in adult cardiac or general thoracic surgery upon completion of their Cardiothoracic Residency. Six residents went on to pursue congenital heart surgery fellowships and one chose to pursue surgical critical care.
2. Indicate the percentage of graduates that pursue academics vs. private practice:
 Approximately 50% pursue academics, and 50% pursue private practice
3. Please provide an account of job placement for your graduates over the last 3 years:
 Private Practice, Cardiothoracic Surgery, (Santa Barbara Cottage Hospital)
 Private Practice, Cardiothoracic and Trauma Surgery, (Kaiser Permanente)
 Academic Practice, General Thoracic Surgery, University of Michigan
 Academic Practice, General Thoracic Surgery and Critical Care, University of Washington
 Academic Practice, General Thoracic Surgery, University of Michigan
 Academic Practice, Congenital Heart Surgery, University of Rochester
 Academic Practice, General Thoracic Surgery, University of Texas, Houston
 Academic Practice, Adult Cardiac Surgery, University of Washington
4. Please describe “super” fellowship opportunities (e.g. transplant, endovascular, minimally invasive, congenital) available at your institution:
 Transplantation, Advanced Congenital (eg. ECMO)

JOINT THORACIC/GENERAL SURGERY (4+3) and INTEGRATED PROGRAMS (I6)
Please only fill this out if your program already has an approved 4+3 or integrated program

Integrated 6 Year Program:

1. Please indicate the # of residents accepted per year: 1
2. Please indicate the year of your first entering class: 2010
3. Details of curriculum:
 - a. Please indicate the # of months on each rotation for each year, and which hospital.

	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
1	UWMC C/T	CT ICU	HMC 1 or 2	UWMC C/T/V	UW A	UWMC C/V
2	UWMC C/T	CT ICU	HMC 1 or 2	UWMC C/T/V	UW A	UWMC C/V
3	UWMC O	HMC ICU	HMC T/V	UWMC C/T/V	CHMC Cong	UWMC C/V
4	HMC BP	HMC ICU	HMC T/V	UWMC C/T/V	CHMC Cong	UWMC C/V
5	HMC ER	UWMC I/R	HMC T/V	UWMC C/T/V	CHMC Cong	UWMC C/V
6	UWMC A	UWMC I/R	HMC T/V	UWMC C/T/V	VA C/T	UWMC C/V
7	UWMC S	UWMC Trans	UWMC C/V	UWMC C/T/V	VA C/T	UWMC CT
8	UWMC S	Echo/ Imaging	UWMC C/V	UWMC C/T/V	VA C/T	UWMC CT
9	HMC V/T	UWMC Night float	UWMC C/V	UW O	VA C/T	UWMC CT
10	CT Anes	UWMC A or B	UWMC C/V	UW O	VA C/T	UWMC CT
11	VA GS/V	UWMC A or B	UWMC T	UW S	VA C/T	UWMC CT
12	CHRCM GS	HMC ER	UWMC T	UW S	VA C/T	UWMC CT

Service Abbreviations and Rotation Durations

Junior resident rotations (Years 1 – 3)

CT rotations: 21 months

UW Medical Center Cardiothoracic (UWMC C/T):	8 months
Harborview Thoracic/Vascular (HMC V/T):	5 months

Intensive Care/Emergency: 6 months

Harborview Intensive Care (HMC ICU):	2 months
UW Medical Center Hospital Intensive Care Unit (UWMC ICU):	2 months
Harborview Emergency Room (HMC ER):	2 months

General Surgery rotations: 17 months

UW Medical Center A/B: Acute care surg A (UWMC A or B):	6 months
Surg onc, liver B	
UW Medical Center O: foregut, bariatric, lap (UW O):	1 month
UW Medical Center: acute care	2 months
Harborview Burns/Plastics (HMC BP):	1 month
Children’s Pediatric General Surgery (CHMC GS):	1 month
University Solid Organ Transplant:	1 month
VA General Surgery:	1 month
Harborview Trauma:	2 months

Elective rotations: 4 months

UW Medical Center Anesthesia CT Anes (UWMC Anes):	1 month
UW Medical Center Interventional Radiology (UWMC I/R):	2 months
UW Medical Center Echocardiography/Imaging (UWMC Echo):	1 month

Senior resident rotations (Years 4 – 6)

UW Medical Center O: foregut, bariatric, lap (UW O):	2 months
UW Medical Center Cardiothoracic (UWMC C/T):	8 months
UW Medical Center Cardiac (UWMC C/V):	6 months
UW Medical Center Thoracic (UWMC T):	6 months
Veterans Administration Cardiothoracic (VA C/T):	7 months
UW Medical Center GS A and S(UWMC A and UWMCS):	4 months
Children’s Hospital Congenital Heart (CHMC Cong):	3 months

- b. Please indicate whether research time is included in the curriculum. Is this optional or required?
Research time is optional and not included in the curriculum.

- c. Please briefly describe what exposure students will receive to fields adjunct to CT surgery (i.e., echocardiography/cardiac imaging, cardiology, ICU, endovascular technology):
Dedicated rotations: CT Anesthesia, Echocardiography, Endovascular Technology, CT ICU, Interventional Radiology

4/3 Program:

1. Please indicate the # of residents accepted per year: 1
1. Please indicate the year of your first entering class: N/A
2. Details of curriculum:
 - a. Please indicate the # of months on each rotation for each year, and which hospital.

R1¹	R2²	R3³	R4⁴	R5⁵	R6	R7
UROL	UHA	VAG	UHB	HMCTV	Cardiac	UW CT
CHMC	HMCER	HMC1	UHS	UHB	Cardiac	UW CT
HMCER	TICU II	CHMC	HMCTV	HMC2	Cardiac	UW CT
HMCNS	TICU I	HMCBP	HMCTV	UHA	Thoracic	VA
UHB	EVATS	EVATS	UHC	UHS	Thoracic	VA
UHB	HMCER	GI	UHC	VAG	Thoracic	VA
VAG	UHC	UHO	UHC	EVATS	VA	Cardiac
HMCER	UHC	UHT		HMC1	VA	Cardiac
UHC	VAICU	HMC2			VA	Cardiac
UHS	VAICU				CHMC	Thoracic
HMCTV	UHICU				CHMC	Thoracic
EVATS	UHT				CHMC	Thoracic
HMCBP	UHB					
	UHB					
	UHNF					

1. 13 R1 rotations all 4 weeks in length
2. 15 R2 rotations all 3.5 weeks in length
3. 9 R3 rotations all 5.8 weeks in length
4. 7 R4 rotations all 7.4 weeks in length
5. 8 R5 rotations all 6.5 weeks in length

Rotation Abbreviations

Cardiac Cardiac surgery at UWMC
CHMC Pediatric Surgery at Children's Hospital & Regional Medical Center or congenital heart surgery during R6 or R7 years
EVATS Emergency coverage, Vacation, Academic Project/Competency Education, Technical Skills
GI Rotates b/n UW, HMC, PacMed and VA
HMC1 Trauma Team 1 at Harborview
HMC2 Trauma Team 2
HMCBP Burns/Plastics at Harborview
HMCER Emergency Room at Harborview
HMCNS Neurosurgery at Harborview
HMCTV Thoracic/Vascular Surgery at Harborview
Thoracic Thoracic surgery at UWMC
TICUI Trauma ICU A Service at Harborview
TICUII Trauma ICU B Service at Harborview
UHA General Surgery Team A at UWMC
UHB Oncologic/Vascular Surgery at UWMC
UHC Cardiac Surgery at UWMC
UHICU Intensive Care Unit at UWMC
UHNF UWMC Night Float (Night Continuity of Care Team)
UHO Acute Care Service at UWMC
UHS General Surgery Team S at UWMC
UHT Transplant Surgery at UWMC et. al.
UROL Urology at UWMC
UWCT Cardiac and thoracic surgery at UWMC
VA Cardiac and thoracic surgery at VAPSHCS
VAG General Surgery at Veteran's Affairs Medical Center (VAMC)
VAICU Intensive Care Unit at VAMC

- b. Please indicate whether research time is included in the curriculum. Is this optional or required?
Research time is NOT included
- c. Please briefly describe what exposure students will receive to fields adjunct to CT surgery (i.e., echocardiography/cardiac imaging, cardiology, ICU, endovascular technology):
Dedicated Rotations: Endovascular Technology, CT ICU

OTHER

- 1. Please elaborate on any other unique components of your program not captured in this questionnaire.
University of Washington has an ACGME approved one year congenital fellowship. Rotations include Pediatric Cardiac Surgery Service, ICU, Cardiac Catheterization Interventional, Echocardiography, and Perfusion. Experience in full range of congenital heart surgery, pediatric heart transplantation, and mechanical cardiac assist. Total case volume is approximately 350 per year.