Health Services Advisory Group (HSAG) End Stage Renal Disease (ESRD) Network 15

2020 Transplant *Referral Guide*



This material was prepared by HSAG: ESRD Network 15, under contract with the Centers for Medicare & Medicaid Services (CMS), an agency of the U.S. Department of Health and Human Services. The contents presented do not necessarily reflect CMS policy nor imply endorsement by the U.S. Government. Pub # CO-ESRD-15Q036-01152020-01



A kidney transplant is a possible treatment option for people on dialysis. However, not everyone who wants a transplant can be considered eligible to receive one. Only transplant center professionals can determine if a patient is a good candidate for a transplant.

Each transplant center uses its own set of standards for deciding if a patient is a good candidate for a kidney transplant. In some cases, a patient can be turned down by one transplant center but found to be eligible at another transplant center.

The table on the following pages is a tool to help guide dialysis patients, their family members and care partners to the transplant centers that could most likely meet their needs.*

*Criteria at each Transplant Center is subject to change. This tool should be used for general guidance. For specific information, please call the Transplant Center Directly.



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Glossary

Abbreviation	Definition	
ADL	Activities of daily living	
BMI	Body mass index	
CAD	Coronary artery disease	
COPD	Chronic obstructive pulmonary disease	
СТ	Computerized tomography scan	
EF	Ejection fraction	
HBsAg	Hepatitis B surface Antigen	
HIV	Human immunodeficiency virus	
HTN	Hypertension	
НХ	History	
ID	Infectious disease	
O ²	Oxygen	
PA	Pulmonary	
РТН	Parathyroid	
SLK	Simultaneous liver/kidney transplant	
ТВ	Tuberculosis	

Arizona Kidney Transplant Centers

Absolute Exclusion Criteria	Banner University Medical Center Phoenix	Banner University Medical Center Tucson	Mayo Clinic Arizona Transplant Center	St. Joseph's Transplant Center Arizona
Active or Untreatable Infection	Reviewed case by case	Reviewed case by case	х	х
Malignancy or History of Cancer	Minimum of 2 years disease-free, with exceptions	X (In general, a minimum of 2 years disease-free with exceptions)	Active malignancy only	Active malignancy
Body Mass Index - kg/ m2 (BMI)	BMI ≥ 40	BMI ≥ 40	BMI ≥ 45	Reviewed case by case
Age	Referrals accepted for age 16–65; age > 65 by case review	Referrals accepted for patients older than 17. Maximum age is reviewed on a case-by-case basis		Reviewed case by case
Cardiac Disease		Reviewed case by case		Inclusion with cardiac clearance
Myocardial infarction or active myocardial ischemia		x		Inclusion with cardiac clearance
Advanced Coronary Artery Disease (CAD)	If inoperable	X (If inoperable CAD)	Х	Inclusion with cardiac clearance
Left Ventricle EF of <30	EF <35% Patient with non-ischemic cardiomyopathy may be considered	Considered (EF equal to or <30%. Patient with non-ischemic cardiomyopathy may be considered.)		
Severe/Uncorrectable Peripheral vascular disease	Х			
Advanced Chronic Obstructive Pulmonary Disease (COPD)	Х	X (Chronic intermittent or continuous O ² , inability to ambulate 20 min w/out O ² , PA HTN, may be considered for a lung/kidney)	Severe only	
Active Tuberculosis (TB)	х	Reviewed case by case	х	
Concurrent HIV/ Hepatitis C Positive	HIV positive is an absolute			Call transplant center

Arizona Kidney Transplant Centers

Absolute Exclusion Criteria	Banner University Medical Center Phoenix	Banner University Medical Center Tuscon	Mayo Clinic Arizona Transplant Center	St. Joseph's Transplant Center Arizona
Positive Hepatitis B Antigen (HBsAg)				
Cirrhosis/Liver Disease/Oxalosis	Biopsy proven cirrhosis with portal hypertension	X (Decompensated liver cirrhosis, portal hypertension manifested by ascites or varices)		Cirrhosis with portal HTN = will consider SLK
Incompatible Final T-Cell Cross-Match				
Sickle Cell Disease				
Active Systemic Lupus Erythematosus				
Active Vasculitis/ Glomerulonephritis	Х			
Metabolic Bone Disease PTH > 900				
Psychiatric Illness Not Controlled with Medication	Psychiatric, mental health or cognitive deficit that affects the patient or caregiver's ability to understand transplantation or ability to adhere to post-transplant treatment	X (i.e., active psychosis, decompensated depression, or mania)	Х	Х
Lack of Social Support and/or Financial Resources	X (Homeless, incarceration, lack of caregiver, or transport, no working phone)	X (Homeless, incarceration, lack of caregiver, or transport, no working phone)	х	Х
Non-Compliance with Medical Regimen	Х		х	

Arizona Kidney Transplant Centers

Absolute Exclusion Criteria	Banner University Medical Center Phoenix	Banner University Medical Center Tuscon	Mayo Clinic Arizona Transplant Center	St. Joseph's Transplant Center Arizona
Active Smoker	Minimum 6 months abstinence	X (HX cardiac, peripheral, or cerebrovascular event, chronic obstructive lung disease or malignancy, diabetes, >50. Patients who do not fit the above criteria would be required to complete a smoking cessation program before listing.)		
Severe Immune Deficiency State				
Active Substance Abuse (Drug/Alcohol)	X (Minimum six months abstinence, completion of treatment program)	X (with less than six months abstinence, and active marijuana/ cannibis regardless of medical marijuana status with a Hx of substance dependency or mental health disease)	Х	History of substance abuse—sober for six months with treatment
Poor Physical Performance		Must be able to independently perform ADLs	Х	
Persistent Non- Adherence with Medication Regiment or Dialysis Treatment			х	

New Mexico/Utah Kidney Transplant Centers

Absolute Exclusion Criteria	Presbyterian Hospital Transplant New Mexico	University of New Mexico Hospital Transplant	Intermountain Healthcare Utah	University of Utah, Transplant Center
Active or Untreatable Infection	Reviewed case by case	Call transplant center	Х	х
Malignancy or History of Cancer	Call transplant center	Call transplant center	Wait time dependent upon stage and type of cancer.	Active or recent is absolute exclusion
Body Mass Index - kg/ m2 (BMI)	BMI > 40	BMI > 38	BMI > 40	BMI > 37 is absolute exclusion
Age		>85	>85	>79
Cardiac Disease	EF < 20	Reviewed case-by-case	Inclusion with cardiac clearance	Inclusion with cardiac clearance
Myocardial infarction or active myocardial ischemia		Call transplant center	Inclusion with cardiac clearance	Inclusion with cardiac clearance
Advanced Coronary Artery Disease (CAD)	Severe: untreatable/ inoperable	Call transplant center	Inclusion with cardiac clearance	Inclusion with cardiac clearance
Left Ventricle EF of <30		х		Х
Severe/Uncorrectable Peripheral vascular disease	х	Severe, such as Stage 3 or higher	Oxygen dependent excluded	Depends on CT review of iliacs
Advanced Chronic Obstructive Pulmonary Disease (COPD)		Call transplant center	Severe only	х
Active Tuberculosis (TB)		Must be treated	Must be treated	Must be treated
Concurrent HIV/ Hepatitis C Positive		Call transplant center	Inclusion with ID or hepatology clearance	Inclusion w/ID or hepatology clearance
Positive Hepatitis B Antigen (HBsAg)		Call transplant center	Inclusion with ID or hepatology clearance	Inclusion w/ID or hepatology clearance
Cirrhosis/Liver Disease/Oxalosis	w/portal HTN	Call transplant center	Inclusion with hepatology clearance	Inclusion if Stage 2 or less
Incompatible Final T-Cell Cross-Match	Х	Х	Х	х
Sickle Cell Disease		Call transplant center	Call transplant center	

New Mexico/Utah Kidney Transplant Centers

Absolute Exclusion Criteria	Presbyterian Hospital Transplant New Mexico	University of New Mexico Hospital Transplant	Intermountain Healthcare Utah	University of Utah, Transplant Center
Active Systemic Lupus Erythematosus		Х	Х	Х
Active Vasculitis/ Glomerulonephritis	Reviewed case by case	Call transplant center	Х	х
Metabolic Bone Disease PTH > 900		Call transplant center	N/A	
Psychiatric Illness Not Controlled with Medication	Х	Х	Х	х
Lack of Social Support and/or Financial Resources	Reviewed case by case; must be resolved or improved	Reviewed case by case	Х	Х
Non-Compliance with Medical Regimen	Х	Х	х	х
Active Smoker	Will evaluate; must have negative tobacco testing	Call transplant center	Will evaluate; Must have negative tobacco testing	
Severe Immune Deficiency State		Call transplant center	Call transplant center	х
Active Substance Abuse (Drug/Alcohol)	Х	Х	х	х
Poor Physical performance		Needs physical therapy prior	Must be able to independently perform ADLs	х
Persistent Non- Adherence with Medication Regiment or Dialysis Treatment		Needs six months proven compliance	Х	х

Colorado/Nevada Kidney Transplant Centers

Absolute Exclusion Criteria	University of Colorado	Presbyterian St. Lukes Medical Center Colorado	Centura Transplant Colorado	University Medical Center of Southern Nevada
Active or Untreatable Infection	Call transplant center	Call transplant center		Х
Malignancy or History of Cancer	Call transplant center	Call transplant center		Active
Body Mass Index - kg/ m2 (BMI)	Call transplant center	Call transplant center		BMI >40
Age	Call transplant center	None		>69 Unless patient has a living donor
Cardiac Disease	Call transplant center	If unstable		EF <40
Myocardial infarction or active myocardial ischemia	Call transplant center	If unstable		Within six months
Advanced Coronary Artery Disease (CAD)	Call transplant center	If unstable	Х	Uncorrectable
Left Ventricle EF of <30	Call transplant center	Х		<40
Severe/Uncorrectable Peripheral vascular disease	Call transplant center	If unstable	Х	
Advanced Chronic Obstructive Pulmonary Disease (COPD)	Call transplant center	Severe only	Х	
Active Tuberculosis (TB)	Call transplant center	х	Х	Must be treated
Concurrent HIV/ Hepatitis C Positive	Call transplant center	Call transplant center		х
Positive Hepatitis B Antigen (HBsAg)	Call transplant center	Call transplant center		Active
Cirrhosis/Liver Disease/Oxalosis	Call transplant center	Call transplant center	Х	
Incompatible Final T-Cell Cross-Match	Call transplant center	None	Х	
Sickle Cell Disease	Call transplant center	Call transplant center		
Active Systemic Lupus Erythematosus	Call transplant center	Х		

Colorado/Nevada Kidney Transplant Centers

Absolute Exclusion Criteria	University of Colorado	Presbyterian St. Lukes Medical Center Colorado	Centura Transplant Colorado	University Medical Center of Southern Nevada
Active Vasculitis/ Glomerulonephritis	Call transplant center	Call transplant center		
Metabolic Bone Disease PTH > 900	Call transplant center	Call transplant center		
Psychiatric Illness Not Controlled with Medication	Call transplant center	Call transplant center	Х	Х
Lack of Social Support and/or Financial Resources	Call transplant center	Call transplant center		х
Non-Compliance with Medical Regimen	Call transplant center	Call transplant center		х
Active Smoker	Call transplant center	Call transplant center		х
Severe Immune Deficiency State	Call transplant center	Call transplant center		
Active Substance Abuse (Drug/Alcohol)	Call transplant center	х	Х	х
Poor Physical performance	Call transplant center			
Persistent Non- Adherence with Medication Regiment or Dialysis Treatment	Call transplant center			Х

HSAG: ESRD Network 15 Service Area Kidney Transplant Centers

Banner University Medical Center—Phoenix

1441 N 12th Street, 2nd Floor Phoenix, Arizona 85006 Phone: 602.521.5900 • Fax: 602.521.5325 Email: anthony.pethtel@bannerhealth.com

Banner University Medical Center—Tucson

1625 North Campbell Avenue Tucson, Arizona 85719 Phone: 520.694.7365 • Fax: 520.694.2580

Mayo Clinic Transplant Center—Phoenix

5777 East Mayo Boulevard Phoenix, Arizona 85054 Phone: 480.342.1010 • Fax: 480.342.0555

St. Joseph's Hospital and Medical Center Transplant Center-

Phoenix 500 West Thomas Road, Suite 300 Phoenix, Arizona 85013 Phone: 602.406.8000 • Fax: 602.230.3583 Referral Fax: 602.798.0463 Email: angela.smith4@dignityhealth.org

The Transplant Center at University of Colorado—Aurora

1635 Aurora Court, 7th floor Aurora, CO 80045 Phone: 720.848.0005

Presbyterian/St. Luke's Medical Center-Denver

1601 East 19th Ave. Suite 5050 Denver, CO 80218 Phone: 720.754.2155 Website: https://pslmc.com/specialties/transplant-services

Centura Transplant—Denver Portal Hospital

2535 S Downing Street, Suite 380 Denver, Colorado 80201 Appointments/Questions: 303.705.7008 or 855.869.5164 Phone: 303.778.5797 or 888.872.8891 Fax: 303.778.5205 • Referral Fax: 303.715.7007 Online referral: https://www.centura.org/locations/centura-transplant

University Medical Center of Southern Nevada— Las Vegas

901 Rancho Lane, Suite 250 Las Vegas, Nevada 89106 Appointment/Questions: 702.383.2224 Phone: 702.383.2224 • Fax: 702.383.3035

Presbyterian Hospital Transplant Services— Albuquerque

201 Cedar Street SE, Suite 820 Albuquerque, NM 87106 Phone: 505.841.1434 Option 0 or 800.0597.7217 Fax: 505.563.6137 or 505.222.2149 Email: <u>transplantreferral@phs.org</u>

University of New Mexico Hospital Transplant Services—Albuquerque

2211 Lomas Blvd. NE Albuquerque, New Mexico 87106 Phone: 505.272.3100 • Fax: 505.925.4445 Email: <u>mwolff@salud.unm.edu</u> or <u>chwilcox@salud.unm.edu</u>

Intermountain Transplant Services—

Murray Intermountain Medical Center 5171 S. Cottonwood Street, Suite 210 Murray, Utah 84107 Phone: 801.507.3380 • Fax: 801.507.8343

University of Utah Health's Transplant Center— Salt Lake City

50 North Medical Drive Salt Lake City, Utah 84112 Transplant Service Line: 801.581.2634 Referral and Questions: 801.581.2650 Referral Fax: 801.585.7705