

CDC Dialysis v1
Definition Factsheet & Technical Brief

New or Revised Definition: New

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Authored by the NSSP Community of Practice.

Table 1. Inclusion and exclusion terms.

Terms	Description
<i>Inclusion</i>	
Chief Complaint	
dialysis	
dialasis	
dialisis	
dialyz	
International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM)	
Z49	Encounter for care involving renal dialysis
Z99.2 / Z992	Dependence on renal dialysis
Z91.15 / Z9115	Patient's noncompliance with renal dialysis
T85.71 / T8571	Infection and inflammatory reaction due to peritoneal dialysis catheter
T85.611 / T85611	Breakdown (mechanical) of intraperitoneal dialysis catheter
T85.621 / T85621	Displacement of intraperitoneal dialysis catheter
T85.631 / T85631	Leakage of intraperitoneal dialysis catheter
T85.691 / T85691	Other mechanical complication of intraperitoneal dialysis catheter
R88.0 / R880	Cloudy (hemodialysis) (peritoneal) dialysis effluent
T82.4 / T824	Mechanical complication of vascular dialysis catheter
Y84.1 / Y841	Kidney dialysis as the cause of abnormal reaction of the patient, or of later complication, without mention of misadventure at the time of the procedure
T81.502 / T81502	Unspecified complication of foreign body accidentally left in body following kidney dialysis
T81.512 / T81512	Adhesions due to foreign body accidentally left in body following kidney dialysis
T81.522 / T81522	Obstruction due to foreign body accidentally left in body following kidney dialysis
T81.532 / T81532	Perforation due to foreign body accidentally left in body following kidney dialysis
T81.592 / T81592	Other complications of foreign body accidentally left in body following kidney dialysis

Terms	Description
SNOMED Concepts	
385971003	Dialysis care
265764009	Renal dialysis
108241001	Dialysis procedure
385972005	Dialysis care education
385973000	Dialysis care management
385970002	Dialysis care assessment
71192002	Peritoneal dialysis
417038009	Referral for dialysis
225231007	Stab peritoneal dialysis
238322004	Tidal peritoneal dialysis
412861002	Dialysis fluid urea measurement
241103007	Skeletal survey - dialysis
412859006	Dialysis fluid examination (procedure)
225230008	Chronic peritoneal dialysis
66402002	Peritoneal dialysis education
182753006	Intestinal dialysis
224967001	Revision of cannula for dialysis
238321006	Intermittent peritoneal dialysis
445867003	Ultrasonography of arteriovenous fistula
698074000	Sustained low-efficiency dialysis
710071003	Management of peritoneal dialysis
225229003	Peritoneal dialysis bag procedure
440084005	Assessment of adequacy of dialysis
14030001000004108	Insertion of dialysis catheter into femoral vein
717738008	Peritoneal dialysis care assessment
241104001	Skeletal survey - dialysis follow-up
282828000	Recirculation of the dialysis machine
428118009	Procedure involving peritoneal dialysis catheter
426340003	Creation of graft fistula for dialysis

Terms	Description
79827002	Arteriovenous anastomosis for renal dialysis
10848006	Removal of peritoneal dialysis catheter
52127004	Anesthesia for shunt revision, dialysis
438548009	Ligation of arteriovenous dialysis graft
73257006	Peritoneal dialysis catheter maintenance
432621000124105	Hospital admission from dialysis facility
428648006	Automated peritoneal dialysis
238318009	Continuous ambulatory peritoneal dialysis
676002	Peritoneal dialysis including cannulation
69380006	Venous catheterization for renal dialysis
439534001	Shaving of peritoneal dialysis catheter cuff
225228006	Putting additive into peritoneal dialysis bag
238319001	Continuous cycling peritoneal dialysis
233547003	Cannulation of arteriovenous dialysis fistula
703102004	Dialysis catheter procedure using fluoroscopic guidance
449394000	Replacement of peritoneal dialysis transfer set
39482009	Removal of arteriovenous shunt for renal dialysis
225892009	Revision of arteriovenous shunt for renal dialysis
180277007	Insertion of temporary peritoneal dialysis catheter
438341004	Laparoscopic insertion of peritoneal dialysis catheter
433810007	Active cooling of subject using peritoneal dialysis fluid (procedure)
271418008	Removal of dialysis catheter
703094009	Peritoneal dialysis catheter procedure using fluoroscopic guidance
238314006	Renewal of chronic ambulatory peritoneal dialysis catheter
180273006	Removal of chronic ambulatory peritoneal dialysis catheter
54817007	Arteriovenous shunt for renal dialysis by external cannula
708008000	Increase exchange volume of peritoneal dialysis
238317004	Flushing of chronic ambulatory peritoneal dialysis catheter
432018009	Replacement of dialysis catheter using fluoroscopic guidance
180272001	Insertion of chronic ambulatory peritoneal dialysis catheter

Terms	Description
238316008	Aspiration of chronic ambulatory peritoneal dialysis catheter
238315007	Adjustment of chronic ambulatory peritoneal dialysis catheter
432509002	Insertion of dialysis catheter using Doppler ultrasound guidance
431781000	Insertion of tunneled dialysis catheter using fluoroscopic guidance with contrast
432654009	Insertion of peritoneal dialysis catheter using fluoroscopy guidance with contrast
433693008	Active warming of subject using peritoneal dialysis fluid (procedure)
712754003	Replacement of continuous ambulatory peritoneal dialysis transfer set
431252000	Percutaneous thrombolysis of dialysis fistula using fluoroscopic guidance
431543008	Percutaneous embolization of dialysis fistula using fluoroscopic guidance
708009008	Increase number of perfusion exchanges per 24 hours of peritoneal dialysis
431440009	Fluoroscopic angiography of dialysis fistula using contrast with insertion of stent
431607007	Percutaneous mechanical thrombectomy of dialysis fistula using fluoroscopic guidance
431544002	Percutaneous aspiration thrombectomy of dialysis fistula using fluoroscopic guidance
432952005	Percutaneous transluminal angioplasty of dialysis fistula using fluoroscopic guidance with contrast
434435000	Fluoroscopic angiography of dialysis fistula using contrast with insertion of stent graft
431418000	Fluoroscopic percutaneous angiography of dialysis fistula with insertion of drug eluting stent
433631008	Percutaneous transluminal cutting balloon angioplasty of dialysis fistula using fluoroscopic guidance with contrast
444499006	Quantitative measurement of glucose in first peritoneal dialysis fluid specimen

Table 2. ESSENCE syntax.

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(,^dialysis^,or,^dialasis^,or,^dialisis^,or,^dialyz^,or,[ / ]z49^,or,[ / ]z99.2^,or,[ / ]z992^,or,[ / ]z91.15^,or,[ / ]z9115^,or,[ / ]T85.71^,or,[ / ]T8571^,or,[ / ]T85.6[1239]1^,or,[ / ]T856[1239]1^,or,[ / ]z99.2^,or,[ / ]z992^,or,[ / ]r88.0^,or,[ / ]r880^,or,[ / ]t82.4^,or,[ / ]t824^,or,[ / ]y84.1^,or,[ / ]y841^,or,[ / ]T81.5[01239]2^,or,[ / ]T815[01239]2^,or,[ / ]385971003^,or,[ / ]265764009^,or,[ / ]108241001^,or,[ / ]385972005^,or,[ / ]385973000^,or,[ / ]385970002^,or,[ / ]71192002^,or,[ / ]417038009^,or,[ / ]225231007^,or,[ / ]238322004^,or,[ / ]412861002^,or,[ / ]241103007^,or,[ / ]412859006^,or,[ / ]225230008^,or,[ / ]66402002^,or,[ / ]182753006^,or,[ / ]224967001^,or,[ / ]238321006^,or,[ / ]445867003^,or,[ / ]698074000^,or,[ / ]710071003^,or,[ / ]225229003^,or,[ / ]440084005^,or,[ / ]14030001000004108^,or,[ / ]717738008^,or,[ / ]241104001^,or,[ / ]282828000^,or,[ / ]428118009^,or,[ / ]426340003^,or,[ / ]79827002^,or,[ / ]10848006^,or,[ / ]52127004^,or,[ / ]438548009^,or,[ / ]73257006^,or,[ / ]432621000124105^,or,[ / ]428648006^,or,[ / ]238318009^,or,[ / ]676002^,or,[ / ]69380006^,or,[ / ]439534001^,or,[ / ]225228006^,or,[ / ]238319001^,or,[ / ]233547003^,or,[ / ]703102004^,or,[ / ]449394000^,or,[ / ]39482009^,or,[ / ]225892009^,or,[ / ]180277007^,or,[ / ]438341004^,or,[ / ]433810007^,or,[ / ]271418008^,or,[ / ]703094009^,or,[ / ]238314006^,or,[ / ]180273006^,or,[ / ]54817007^,or,[ / ]708008000^,or,[ / ]238317004^,or,[ / ]432018009^,or,[ / ]180272001^,or,[ / ]238316008^,or,[ / ]238315007^,or,[ / ]432509002^,or,[ / ]431781000^,or,[ / ]432654009^,or,[ / ]433693008^,or,[ / ]712754003^,or,[ / ]431252000^,or,[ / ]431543008^,or,[ / ]708009008^,or,[ / ]431440009^,or,[ / ]431607007^,or,[ / ]431544002^,or,[ / ]432952005^,or,[ / ]434435000^,or,[ / ]431418000^,or,[ / ]433631008^,or,[ / ]444499006^,)
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