

# Competency Requirements:

## Minimum patient numbers per field of expertise

	Minimum patients followed per year
Hereditary glomerulopathies	50
Immune mediated glomerulopathies	200
Tubulopathies	75
Metabolic nephropathies and stone forming disorders	40
Thrombotic microangiopathies (classical HUS, aHUS, TTP)	20
CAKUT (non-cystic & cystic renal malformations, excl. ADPKD)	200
Autosomal dominant renal dysplastic diseases (ADPKD, ADTKD, TSC, VHL)	400 adult, 40 peds
Obstructive nephropathies	80
Pediatric CKD (stage 3-5) and dialysis	125
Pediatric transplantation	100

## Qualified competency score

Patient number treated per year <50% of threshold:	0 point
Patient number treated per year 50-69% of threshold:	1 point
Patient number treated per year 70-99% of threshold:	2 points
Patient number treated per year >100% of threshold:	5 points
Participation in regional, national or international registry/trial:	1 point
Leadership in regional, national or international registry/trial:	3 points
1-2 authorships in PubMed-indexed publications in past 5 years:	1 point
3-4 authorships in PubMed-indexed publications in past 5 years:	2 points
> 4 authorships in PubMed-indexed publications in past 5 years:	3 points

Health Care Providers reaching a **Competence Score of 5 or greater** can apply for European Reference Center status for a particular kidney disease group

*To be provided according to areas of expertise:*

- **Nephrogenetic diagnostic service**  
with NGS gene panel / exome sequencing platform
- **Nephro-immunology laboratory** service
- US-guided kidney **biopsy** / dedicated **nephropathology** service
- Ambulatory Blood Pressure Monitoring (**ABPM**)
- **Renal MRI** with TKV assessment software
- **Fetal diagnostics / intervention** facility, neonatal ICU
- Plasma exchange / immunoadsorption service
- Pediatric dialysis / transplant center

# Human Resource Requirements

Healthcare Professional (type)* <sup>1</sup>	Training & Qualifications (any further appropriate requirement based on area of expertise)	Minimum # of Procedures / Patients / year
Paediatric/adult nephrologist	Completed subspecialty training, including at least 3 years full time equivalent (fte) experience in outpatient medicine	100
Renal nurse	Completed nurse training , at least 2 years fte outpatient work in pediatric/adult nephrology	200
(Pediatric) dialysis nurse	Completed nurse training , at least 2 years fte experience with paediatric hemo- and peritoneal dialysis (min. 4 HD or 12 PD patients per year)	4/12
(Pediatric) transplant coordinator/nurse	At least 2 years fte experience in managing pediatric transplantation	10
Dietician	Completed dietician training, at least 2 years fte experience (at least 150 patients with nephrotic syndrome, tubulopathies, metabolic diseases, chronic kidney disease)	150
Psychologist	Completed psychology training, at least 2 years fte experience in consulting patients with chronic kidney disease	150
Social worker	At least 2 years fte experience in consulting patients with chronic kidney disease	150
Paediatric/adult radiologist	At least 3 years fte experience with sonographic, MCUG, and MR imaging of kidneys and urinary tract	
Clinical geneticist	Fully trained clinical geneticist with at least 2 fte years experience in genetic counseling	
Paediatric/adult urologist	At least 3 years fte experience with surgery of	5