

How Green is your Pathway?

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Geography

Cardiff (Tx. Centre)
Swansea 41 miles



Logistics

Do you perform donor assessment:

- ▶ All in your transplant centre?
 - ▶ No
- ▶ Share responsibility with your non-transplant centres?
 - ▶ Yes
- ▶ If you share responsibility, do you share in the same way with each of your non-transplant centres?
 - ▶ Only one non transplant centre (Swansea) - Investigations done in Swansea. Referred for Nephrology & Surgical reviews in Cardiff. All transplants take place in Cardiff. Initial post op f/u in Cardiff - then referred back to Swansea

1st Contact - Virtual

- ▶ Contact made by potential donor - virtual review - PMH, ? BMI, ?Smoker, ? Diabetes, review of potential recipient. Signpost to other specialities if needed i.e Stop Smoking Wales, Balance
- ▶ Health questionnaire sent out - once returned - GP summary sent out
- ▶ If both satisfactory - 1st consultation appointment made

Visit 1 Cardiff / Swansea

ABO Blood Group

HLA Typing

Blood Chemistry

Blood haematology
/ clotting

Blood virology

Blood - Other i.e
lipids / PSA

Urinalysis

Urine
Microbiology

Urine
ACR

CXR

ECG

BP

Weight

LDC contact
(f2f)

Initial
consultation

Weekly MDT to
discuss results

Visit 2

Cardiff / Swansea

Measured GFR

CT Renal Angiogram

Visit 3 Cardiff / Swansea (if additional tests required)

Other i.e cardiology

Urine other e.g cytology

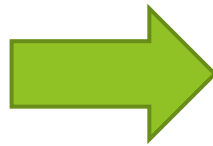
Split function

Kidney U / S

Visit 3/4 Cardiff

Nephrology
Review
(f2f)

Surgical
Review
(f2f)



Discussed at
transplant MDT

Visit 4 / 5 - pre clerking Cardiff

► Independent Assessor
(f2f)

Flow crossmatch

ABO Blood Group

Blood chemistry

Blood haematology /
clotting

Blood virology

Blood other

Urinalysis

Urine
ACR

Urine
Microbiology

CXR

ECG

BP

Weight

Discussed at
transplant MDT

Additional Investigations/Visits

108 initial consultations 2023 - 2024

Investigation/Visit	No. of donors/yr.	% of Donors/yr.
Cystoscopy	0	0%
Kidney biopsy	2	1.9%
Exercise testing/cardiac stress test	5	4.6%
Echocardiogram	5	4.6%
24hr. ABPM	19	17.6%
Psychologist/Counsellor	15	13.9%
Specialist opinion (other)	11	10.2%
Other (please specify)	11 (USS, lung function, 24hr creatinine clearance, split function, doppler)	

Pathway Improvements

- ▶ Pathway was streamlined in 2019 - appointments reduced from 8-9 to 4-5
- ▶ Challenges include availability of nephrology & surgical appointments on the same day - currently in talks with management to address issues
- ▶ Increased use of technology - less paper documentation. Electronic communication - offer virtual consultations rather than face to face