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# Clinical Cases: Donor Assessment: The Grey Areas

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# Case 1: The Young Living Donor

## Potential Recipient

- 35 year-old male
- Confident diagnosis of IgA nephropathy
- Late presentation of CKD
- Started peritoneal dialysis few months ago
- On deceased donor transplant waiting list
- 30 year-old brother could not proceed as donor because imaging unexpectedly showed he was born with one kidney

# Case 1: The Young Living Donor

## Potential Donor

- 20 year-old nephew in 2<sup>nd</sup> year of undergraduate degree

## Question:

**Are you happy to proceed with standard living donor work-up?**

# Case 2: Donor-Recipient Age Mismatch

<b>Donor Characteristics</b>	<b>Recipient Characteristics</b>
<b>Age: 30</b>	Age: 70
<b>Daughter</b>	Father
<b>Blood group: A</b>	Blood group: O
<b>HLA mm: 100</b>	
<b>BMI: 22</b>	BMI: 30
<b>Measured absolute GFR: 100</b>	
<b>BP: 110/60</b>	BP: 140/90
<b>Occupation: ballet dancer</b>	Occupation: ex-professional footballer

# Case 2: Donor-Recipient Age Mismatch



Blood and Transplant

## Questions:

- 1. Given the donor and recipient characteristics, how would you guide their decision-making about transplant options?**
- 2. What if donor and recipient were reversed?**

# Case 3: Donor with History of Breast Cancer

## Potential Recipient

- 55 year-old male
- Polycystic kidney disease (PCKD)
- Anephric; dialysis dependent for 10 years
- Blood group B
- Previous failed deceased donor transplant
- No suitable living donors within family or friendship group
- 3 donors previously excluded for health reasons, including a son who has PCKD and a daughter who is pre-diabetic

# Case 3: Donor with History of Breast Cancer

## Potential Donor

- Wife: 50 years old
- Keen to donate so that they can live a 'more normal life'
- Previously excluded due to history of breast cancer (stage 1) at 40 years of age
- Left mastectomy – her preference rather than breast conserving surgery, followed by chemotherapy
- No recurrence since and no other family history of breast cancer
- Negative BRCA screening

# Case 3: Donor with History of Breast Cancer



Blood and Transplant

**Question:**

**What would you advise this couple to do?**