**S1. Table: Questionnaire**

**Introduction Survey**In the questionnaire below, you will find several questions regarding standard versus extended criteria for live kidney donors. The survey consists of two separate parts.
1) The policy of your **center** towards acceptance of these donor types.
2) Your **personal opinion** on acceptance of these donor types.

Please indicate your professional title.
[ ] **Surgeon**
*If you ticked ‘Surgeon’, please indicate whether you perform live donor nephrectomies independently.*
*[ ] Yes, I perform live donor nephrectomies independently
[ ] No, I do not perform live donor nephrectomies independently.

If you answered ‘No, I do not perform nephrectomies on my own’ please* ***only*** *fill out part 1, Center Criteria.*

[ ] **Transplant nephrologist**

*[ ]* ***None of the above*** *If you ticked ‘None of the above’, the survey ends here for you. Many thanks.*

If you have no objection please write down your email address below to contact you should further questions arise.
*(If you would like to remain anonymous you can leave this field blank)*Email address:………………………………………………………………………………………………………………………………………..

**CENTER Donor selection criteria**

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| --- | --- |
| 1. What is your age? | *……………………………………………………………..* |
| 2a. How many live donor kidney transplantations are carried out in your center per year?2b. How many kidney transplantations from **deceased** donors are carried out in your center per year? | ……………………………………………………………..…………………………………………………………….. |
| 3. Does your center accept live kidney donors with the following Body Mass Indices?Overweight (BMI ≥25 and <30)Obesity (BMI ≥30 and <35)Morbid obesity (BMI ≥35 and <40) BMI ≥ 40 | [ ] Yes [ ] No [ ] Yes [ ] No[ ] Yes [ ] No[ ] Yes [ ] No |
| 4. Does your center accept minors as live kidney donors (Age <18 years)  | [ ] Yes [ ] No |
| 5. Does your center accept women of childbearing age as live kidney donors? | [ ] Yes [ ] No |
| 6. Does your center accept live kidney donors with impaired fasting glucose?*(Defined as: fasting plasma glucose of 100 to 125 mg/dL)* | [ ] Yes[ ] No |
| 7. Does your center accept donors with hypertension (defined as systolic blood pressure ≥140mmHg and diastolic ≥90mmHg)  | [ ] Yes [ ] Yes, if well controlled with 1 agent[ ] Yes, if well controlled with 2 agents[ ] Yes, if well controlled with ≥ 2 agents [ ] No |
| 8. Does your center use an upper age limit for live kidney donors?  | [ ] Yes[ ] Yes, maximum of 60[ ] Yes, maximum of 65[ ] Yes, maximum of 70[ ] Yes, maximum of 75[ ] Yes, maximum of 80 [ ] Yes, other : ………….. years[ ] No age limit |
| 9a.Does your center accept live kidney donors with more than 1renal **artery?**9b**.** Does your center accept live kidney donors with more than 1 renal **vein?** | [ ] No, maximum of 1 renal artery [ ] Yes, maximum of 2 renal arteries[ ] Yes, maximum of 3 renal arteries[ ] Yes, maximum of 4 renal arteries[ ] No, maximum of 1 renal vein [ ] Yes, maximum of 2 renal veins[ ] Yes, maximum of 3 renal veins[ ] Yes, maximum of 4 renal veins |
| 10. Does your center accept a kidney with stones for live kidney transplantation? | [ ] Yes [ ] No[ ] Yes, but only if the remaining kidney is free of stones |
| 12. Does your centre accept donors with a renal malignancy < 3 cm if the tumor can be resected during bench surgery? | [ ] Yes [ ] No |
| 13. What Bosniak classification does your center accept in a donor with a renal cyst?  | [ ] Bosniak I: Malignancy risk less than 1%[ ] Bosniak II: Malignancy risk less than 3%[ ] Bosniak IIF: Malignancy risk 5-10%[ ] Bosniak III: Malignancy risk 40-60%[ ] Bosniak IV: Malignancy risk >80%  |
| 14. Which specialists does a potential living kidney donor meet in the context of a regular screening?  | *[ ]* (Transplant) surgeon*[ ]* (Transplant) nephrologist[ ]  Anesthesiologist[ ]  Social worker[ ]  Nurse practitioner[ ]  Psychologist/ Psychiatrist[ ]  Other, namely: *……………………………………………………………..* |
| 15a. Is every potential donor discussed in a multidisciplinary team?*If your donor is* ***not*** *discussed in a multidisciplinary team please answer the following question.* 15b. How or by whom is decided whether the donor is eligible for live kidney donation? | [ ] Yes [ ] No*If the answer is ‘Yes’, please tick off which specialists are included in the multidisciplinary team. Only if your answer is ‘No’, please fill out 15b.[ ]* (Transplant) surgeon(s)*[ ]  (*Transplant) nephrologist(s)[ ]  Anesthesiologist (s)[ ]  Social worker(s)[ ]  Nurse practitioner(s)[ ]  Psychologist(s)/ Psychiatrist(s)[ ]  Other, namely: *……………………………………………………………..**………………………………………………………....* |
| 16. Do you perform standard imaging of the kidneys as part of the live donor screening process?  | [ ] Yes [ ] No*If the answer is ‘Yes’, please tick off which type of radiological imaging is used in your centre.* *[ ]* MRI/MRA[ ] CT/CT-A[ ] Invasive angiography[ ] Ultrasound*[ ]* Other, namely*:……………………………………………………………...*If no, why not?*……………………………………………………………...* |
| 17. Do you perform standard radioisotope renography as part of the live donor screening process?  | [ ] Yes [ ] No*If the answer is ‘Yes’, please tick off what functional screening is used in your centre.* *[ ]* MAG3-scan[ ] DTPA-scan[ ] DMSA-scan[ ] Other, namely:………………………………………………………………If no, why not?*……………………………………………………………...* |
| 18.Which techniques for live donor nephrectomy **are practiced**  in your center?  | [ ] Open (Lumbotomy)[ ] Open (Mini-incision)[ ] Laparoscopic transperitoneal[ ] Hand Assisted Laparoscopic transperitoneal[ ] Retroperitoneoscopic, no hand-assistance [ ] Hand Assistedretroperitoneoscopic [ ] Robot-assisted laparoscopic transperitoneal*[ ]* Other, namely: ……………………………………………………………… |

**PERSONAL donor selection criteria**

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| --- |
| 1. How likely is it that you would personally perform a live donor nephrectomy in a donor who is:

Overweight (BMI ≥25 and <30)[ ] Highly unlikely [ ] Unlikely [ ]  Neutral [ ] Likely [ ] Very likelyObese (BMI ≥30 and <35)[ ] Highly unlikely [ ] Unlikely [ ]  Neutral [ ] Likely [ ] Very likelyMorbidly obese (BMI ≥35 and <40)[ ] Highly unlikely [ ] Unlikely [ ]  Neutral [ ] Likely [ ] Very likelyMorbidly obese (BMI > 40)[ ] Highly unlikely [ ] Unlikely [ ]  Neutral [ ] Likely [ ] Very likely |
| 2. How likely is it that you would personally accept a minor as a live kidney donor (Age <18 years)[ ] Highly unlikely [ ] Unlikely [ ]  Neutral [ ] Likely [ ] Very likely |
| 3.What would be an acceptable upper age limit for live kidney donation? [ ] maximum of 60[ ] maximum of 65[ ] maximum of 70[ ] maximum of 75[ ] maximum of 80 [ ] other : ………….. years[ ] No age limit |
| 4. How likely is it that you would personally accept women of childbearing age as live kidney donors?[ ] Highly unlikely [ ] Unlikely [ ]  Neutral [ ] Likely [ ] Very likely |
| 5. How likely is it that you would personally consider potential donors with impaired fasting glucose (plasma glucose of 100 to 125 mg/dL) or previous diabetes, however momentarily under control with drugs?[ ] Highly unlikely [ ] Unlikely [ ]  Neutral [ ] Likely [ ] Very likely |
| 6. How likely is it that you personally accept a donor with hypertension (defined as systolic blood pressure ≥140mmHg and diastolic ≥90mmHg) with the following conditions? Hypertension without agents:[ ] Highly unlikely [ ] Unlikely [ ]  Neutral [ ] Likely [ ] Very likelyHypertension, well controlled with 1 agent:[ ] Highly unlikely [ ] Unlikely [ ]  Neutral [ ] Likely [ ] Very likelyHypertension, well controlled with 2 agents:[ ] Highly unlikely [ ] Unlikely [ ]  Neutral [ ] Likely [ ] Very likelyHypertensions, well controlled with ≥ 2 agents:[ ] Highly unlikely [ ] Unlikely [ ]  Neutral [ ] Likely [ ] Very likely |
| 8. What is in your opinion more important in live kidney donation, the renal arterial or renal venous anatomy?[ ] Artery [ ] Vein [ ] Equally important  |
| 9.How likely is it that you would personally accept a donor with the following number of arteries? **1 renal artery**[ ] Highly unlikely [ ] Unlikely [ ]  Neutral [ ] Likely [ ] Very likely**2 renal arteries**[ ] Highly unlikely [ ] Unlikely [ ]  Neutral [ ] Likely [ ] Very likely**3 renal arteries**[ ] Highly unlikely [ ] Unlikely [ ]  Neutral [ ] Likely [ ] Very likely**4 renal arteries**[ ] Highly unlikely [ ] Unlikely [ ]  Neutral [ ] Likely [ ] Very likely**> 4 renal arteries**[ ] Highly unlikely [ ] Unlikely [ ]  Neutral [ ] Likely [ ] Very likely |
| 10. How likely is it that you would personally accept a donor with the following number of veins?**1 renal vein**[ ] Highly unlikely [ ] Unlikely [ ]  Neutral [ ] Likely [ ] Very likely**2 renal veins**[ ] Highly unlikely [ ] Unlikely [ ]  Neutral [ ] Likely [ ] Very likely**3 renal veins**[ ] Highly unlikely [ ] Unlikely [ ]  Neutral [ ] Likely [ ] Very likely**4 renal veins** [ ] Highly unlikely [ ] Unlikely [ ]  Neutral [ ] Likely [ ] Very likely**>4 renal veins**[ ] Highly unlikely [ ] Unlikely [ ]  Neutral [ ] Likely [ ] Very likely |
| 11. How likely is it that you would personally accept a kidney with stones for donation? [ ] Highly unlikely [ ] Unlikely [ ]  Neutral [ ] Likely [ ] Very likely |
| 12. How likely is it that you would personally accept a kidney from a donor who has stones in the remaining kidney?[ ] Highly unlikely [ ] Unlikely [ ]  Neutral [ ] Likely [ ] Very likely |
| 13.Which technique(s) do you **preferably** use for live donor nephrectomy? *(More than one answer possible)* |  [ ] Open (lumbotomy) [ ] Open (Mini-incision) [ ] Laparoscopic transperitoneal [ ] Hand Assisted Laparoscopic transperitoneal [ ] Retroperitoneoscopic, no hand-assistance [ ] Hand AssistedRetroperitoneoscopic  [ ] Robot-assisted laparoscopic transperitoneal *[ ]* Other, namely:  ………………………………………………………. |
| 14. What is your percentage of refusal for potential live kidney donors14b. Please indicate your top 3 reasons for refusal: | *…………………………………………………………* *1. ……………………………………………………* *2. ..…………………………………………………* *3. …………………………………………………..* |
| 15. Do you personally maintain other criteria (which are not previously mentioned ) to refuse a donor? |  |
| 16. Do you sometimes deviate from your center policy? | [ ] Yes *[ ]* No  |
| 17. You answered that you sometimes deviate from your center policy. Regarding which patient characteristic do you deviate? |  [ ] Weight (Overweight or obese) [ ] Blood pressure (hypertension) [ ] Age (older age) [ ]  Age (younger age) [ ]  Women of childbearing age (if center policy advices to deny these potential donors) [ ]  Donors with impaired fasting glucose (if center policy advices to deny these potential donors)  [ ]  Vascular multiplicity (more than the number of arteries/veins your centery policy advises to accept) |