**Kidney Tissue Engineering in Preclinical Models of Renal Failure: A Systematic Review and Meta-analysis**

**Table S2. Quality assessment of the included studies**.

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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Questions | Basu 2011 | Caldas 2011 | Feng 2016 | Geng 2016 | Geng 2019 | Guan 2015 | Hu 2020 | Huang 2017 | Huling 2019 | Kim 2018 | Kim 2020 | Ko 2021 | Lee 2018 | Lih 2016 | Lih 2019 | Orlando 2012 | Peloso 2015 | Yu 2014 | Zhang 2015 |
| Is the statistical analysis described? | Yes | Yes | Yes | Yes | Yes | Yes | Yes | No | Yes | Yes | Yes | Yes | Yes | Yes | Yes | N/A | N/A | Yes | No |
| Is the blindness of assessor stated? | No | Yes | No | Yes | Yes | No | No | No | Yes | No | Yes | No | No | No | No | No | No | No | No |
| Was the allocation sequence random? | No | No | No | Yes | N/A | No | Yes | Yes | No | Yes | No | Yes | No | No | Yes | No | No | No | No |
| Is it explicitly stated that there were any drop-outs? | Yes | No | No | Yes | No | Yes | No | No | Yes | Yes | No | No | No | No | No | Yes | Yes | No | Yes |
| Is the number of drop-outs described? | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | Yes |
| Are the reason for dropping out specified? | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | Yes |
| Is it stated whether there were any complications? | Yes | No | Yes | Yes | Probably | Yes | No | No | Yes | No | No | No | No | No | No | Yes | Yes | No | Yes |
| Is the specific strain described? | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes |
| Is the sex of animal described? | Yes | Yes | No | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | No | Yes | Yes | Yes | Yes | Yes | No |
| Is the age or weight of animal specified? | Yes | Yes | Yes | Yes | Yes | Yes | Yes | No | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes |
| Is the number of animals per group specified? | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes |
| Is the control group specified? | No | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | No | No | Yes | No |
| Is the type of injury model clearly described? | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | No | Yes | Yes | Yes |
| Is the implantation procedure clearly described? | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes |
| Are the dimensions of the implanted construct clearly described? | Yes | Yes | Yes | Yes | No | Yes | Yes | N/A | Yes | Yes | Yes | Yes | Yes | Yes | Yes | No | Yes | Yes | Yes |
| Is the composition and preparation method of the construct clearly described? | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes |
| Is the follow up time after implantation clearly described? | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes |
| Are appropriate tests used to evaluate the outcome measures? | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Almost | Yes | Yes | Yes | Yes | Yes | Almost | Almost | Yes | Almost |

Abbreviations: N/A, not available.