



**PEER-REVIEW REPORT**

**Name of journal:** World Journal of Clinical Cases

**Manuscript NO:** 55359

**Title:** Attitudes, Awareness and Knowledge Levels of Turkish Adult Population Toward Organ Donation: Nationwide Survey Study

**Reviewer’s code:** 02520900

**Position:** Peer Reviewer

**Academic degree:** MD

**Professional title:** Doctor

**Reviewer’s Country/Territory:** Germany

**Author’s Country/Territory:** Turkey

**Manuscript submission date:** 2020-03-12

**Reviewer chosen by:** Jie Wang

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<b>Scientific quality</b>	<input type="checkbox"/> Grade A: Excellent <input type="checkbox"/> Grade B: Very good <input checked="" type="checkbox"/> Grade C: Good <input type="checkbox"/> Grade D: Fair <input type="checkbox"/> Grade E: Do not publish
<b>Language quality</b>	<input checked="" type="checkbox"/> Grade A: Priority publishing <input type="checkbox"/> Grade B: Minor language polishing <input type="checkbox"/> Grade C: A great deal of language polishing <input type="checkbox"/> Grade D: Rejection
<b>Conclusion</b>	<input type="checkbox"/> Accept (High priority) <input type="checkbox"/> Accept (General priority) <input checked="" type="checkbox"/> Minor revision <input type="checkbox"/> Major revision <input type="checkbox"/> Rejection
<b>Re-review</b>	<input type="checkbox"/> Yes <input type="checkbox"/> No
<b>Peer-reviewer statements</b>	Peer-Review: <input checked="" type="checkbox"/> Anonymous <input type="checkbox"/> Onymous Conflicts-of-Interest: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No



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## **SPECIFIC COMMENTS TO AUTHORS**

Manuscript ID: 55359 World Journal of Gastroenterology There is a continued disparity between the supply and demand for organs across countries with an established infrastructure to facilitate transplantation. This has led to development of different strategies to bridge this gap to ensure people do not die waiting for organ transplantation. One of the most topical discussions in global organ procurement is the relative merits of an opt-out system for organ donation (termed “presumed or deemed consent”) versus the opt-in system (termed “explicit consent”) to increase organ donor rates. However, before this task can be managed a general population assessment about attitude and awareness about brain-dead/donation/transplantation should be done. In-line with this topic Akbulut et al. conducted a very interesting study of the Turkish population. The authors performed a nationwide survey with 3000 adults (age  $\geq 18$  ys.), encompassing 26 different regions of Turkey. Among the participants of the study only 1.5% had personal experience about transplantation. While 87.9% would accept an organ transplantation, 88.3% would deny organ donation. The majority of the would accept a donation to a relative, only 26.8% would consider unrelated postmortem donation. While 47.2% supposed to have appropriate information about brain death, 85.2% would refuse donation in case of brain dead in one of their relatives. The main reason for refusal were, it would be too early to talk about organ donation and second the body integrity after death. The authors concluded that governmental programs in term of information are required to convince the population about brain-death concept and donation. The manuscript is well written, the introduction provides an excellent overview about the actual literature, the results are presented clear and discussed and compared adequately with other studies. There is only one minor comment: The author should add a paragraph about the development of postmortem organ donation in



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Turkey in the recent 20 years. While the rate of organ donation in 2000 was 0.5/1.000.000 this rate increased to 7.5/1.000.000 in 2018. What happened or what was modified in order that the donation rate increased 15-fold! Probably this can be presented as an outlook at the end of the discussion, what should be done or improve in the future in order to increase organ donation.