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Author: Dr. Bader Shirah  
Saudi Arabia, bader.shirah@hotmail.com

PUBLIC PERCEPTION AND ATTITUDE OF SPACE TRAVEL AND EXPLORATION AND SPACE  
MEDICINE IN SAUDI ARABIA

**Abstract**

**Purpose:** With the recent advancement in space exploration and commercialization, civilians' participation is no longer imaginary. This study aimed to explore Saudis' perception and attitude toward space travel and exploration and space medicine in the era of the Saudi Vision 2030.

**Methodology:** This is a cross-sectional survey-based study conducted across Saudi Arabia. The inclusion criteria included residents in Saudi Arabia with an educational level of high school and above.

**Results:** A total of 341 subjects completed the study survey. The mean age of the participants was 23 years with interquartile range of 10. 31.1

**Conclusion:** This is the first study that evaluated the perception and attitudes of the Saudi public toward space travel and exploration and space medicine in the era of the Saudi Vision 2030. This study enabled gaining insights into the limited perception and expectations of Saudis towards the ongoing advancement in the space industry. Nevertheless, the Saudi physicians' and medical students' perception of space medicine as a pursued sub-specialty in the future was not promising. Raising awareness about the importance of space medicine is highly recommended.