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Survey: Awareness of Artificial Intelligence, Ethical Issues and Data Security Among Dentists

Section 1: Demographic Information

1. Age: _____

2. Gender:

☐ Female

☐ Male

3. How many years of professional experience do you have in the field of dentistry?

☐ 0–5 years

☐ 6–10 years

☐ 11–20 years

☐ More than 21 years

4. What type of institution do you currently work in?

☐ Private Practice

☐ Private Dental Polyclinic

☐ Public Hospital

☐ University Hospital

Section 2: Awareness of Data Security and Ethical Issues Related to Artificial Intelligence

5. Patient data is securely stored at the institution/clinic where I work.

☐ Strongly agree

☐ Agree

☐ Neutral

☐ Disagree

☐ Strongly disagree

6. Secure data transfer and storage practices (e.g., encryption and/or two-factor authentication) are implemented at the institution/clinic where I work.

☐ Strongly agree

☐ Agree

☐ Neutral

- ☐ Disagree
- ☐ Strongly disagree

7. Informed consent is obtained from patients before their data are shared with third parties (e.g., external companies or platforms).

- ☐ Strongly agree
- ☐ Agree
- ☐ Neutral
- ☐ Disagree
- ☐ Strongly disagree

8. I am knowledgeable about the legal regulations regarding patient data protection in Türkiye (e.g., Personal Data Protection Law (KVKK), Patient Rights Regulation).

- ☐ Strongly agree
- ☐ Agree
- ☐ Neutral
- ☐ Disagree
- ☐ Strongly disagree

9. I am knowledgeable about potential ethical issues related to AI supported applications (e.g., privacy breaches, bias, and lack of transparency).

- ☐ Strongly agree
- ☐ Agree
- ☐ Neutral
- ☐ Disagree
- ☐ Strongly disagree

10. The transfer of patient data to third parties for AI applications poses ethical risks.

- ☐ Strongly agree
- ☐ Agree
- ☐ Neutral
- ☐ Disagree
- ☐ Strongly disagree

11. Patient data used in artificial intelligence systems must be anonymized.

- ☐ Strongly agree
- ☐ Agree

- ☐ Neutral
- ☐ Disagree
- ☐ Strongly disagree

12. The use of large patient datasets to train AI models may pose additional risks to data security.

- ☐ Strongly agree
- ☐ Agree
- ☐ Neutral
- ☐ Disagree
- ☐ Strongly disagree