

# FDI 2024 WORLD DENTAL CONGRESS

## DIGITALIZATION IN DENTISTRY – MALAYSIAN EXPERIENCE

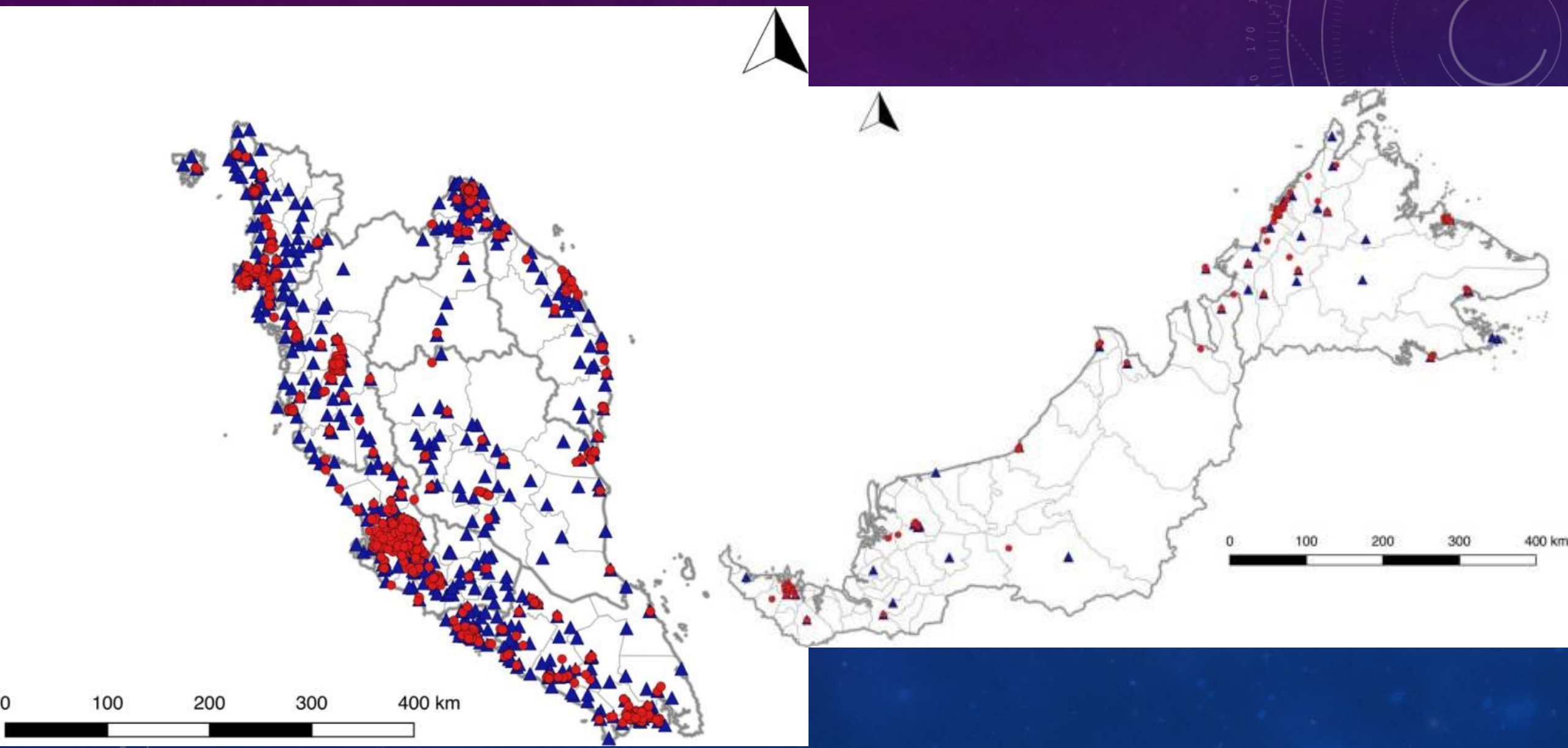
PRESENTED BY  
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MALAYSIAN DENTAL ASSOCIATION



# MALAYSIA NATIONAL INFORMATION

- What is the country's level of development? Moderately developed
- Neighbouring Countries : Brunei, Indonesia, Singapore, Thailand
- Population : 33.4 Million (YR 2023)
- Major Produce : Palm oil, rubber, cocoa, and wood products
- Major Cities : Kuala Lumpur, Penang, Johor, Sabah Sarawak
- Most people live in urban/rural areas? 74.7% of the population is urban
- Income in Urban Area : US\$ 2820 per month
- Income in Rural Area : US\$ 1022 per month (link)  
<https://open.dosm.gov.my/dashboard/household-income-expenditure>
- Literacy Rate : 95.71 %

# Distribution of public (dark-blue triangles) and private (red dots) dental clinics



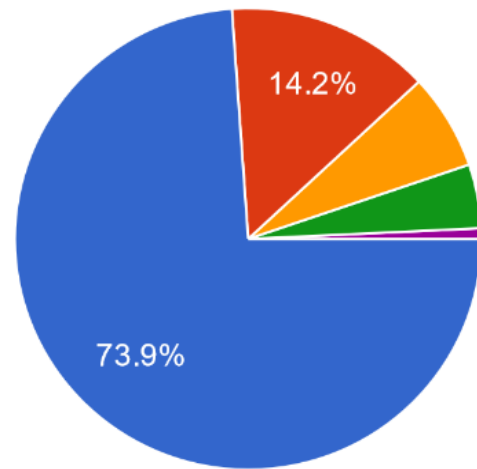
# SURVEY WAS DONE – TITLE WAS DIGITAL DENTISTRY EXPERIENCE

- RANDOM DENTIST REGISTERED WITH MALAYSIAN DENTAL COUNCIL WAS SELECTED
- 200 QUESTIONARE SENT AND 134 RESPONDENED
- 67 PERCENT RESPONSE RATE

# DEMOGRAPHY

What category of dental practice do you work in mainly?

134 responses

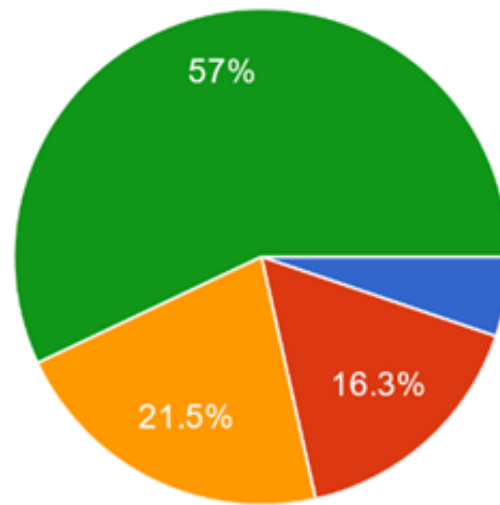


- Private clinic
- Government Clinic
- Teaching facility/University
- Hospital based practice
- Others

# DEMOGRAPHY

How many years of practice are you in now?

135 responses

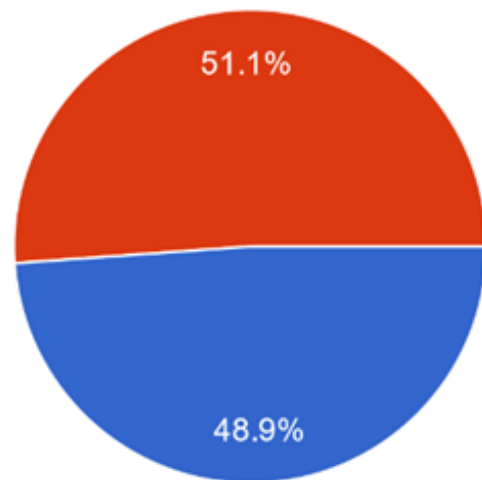


- 0 to 5 years
- 6 to 10 years
- 10 to 20 years
- More than 21 years

# DEMOGRAPHY

## Gender

133 responses

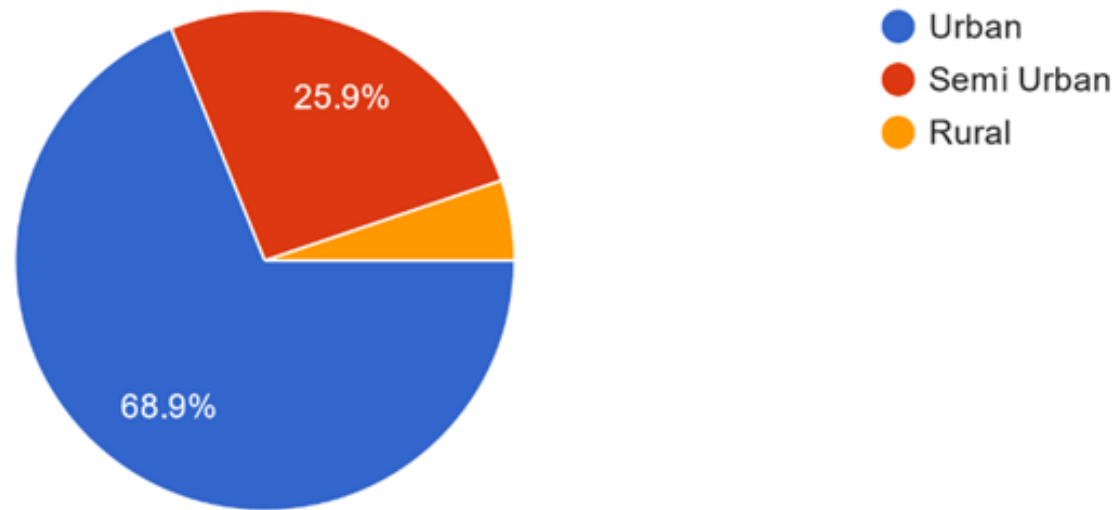


● Male  
● Female

# LOCATION

## Practice Location

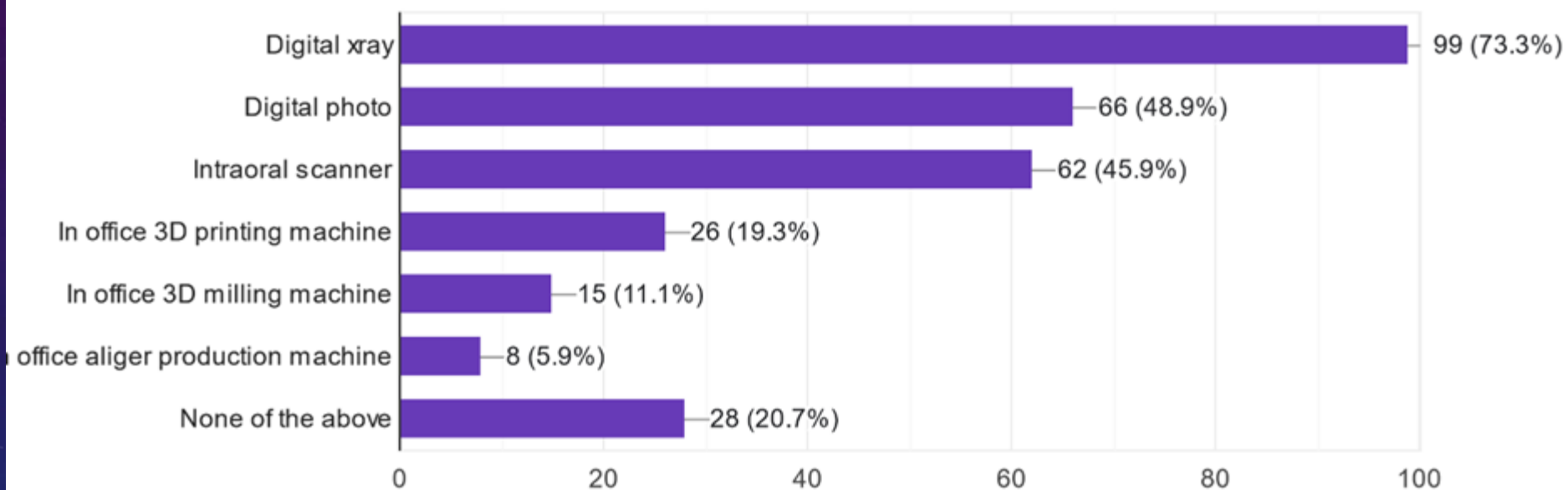
135 responses



# DIGITAL DENTISTRY EXPERIENCE

What type of digital device do you use? Can tick more than one

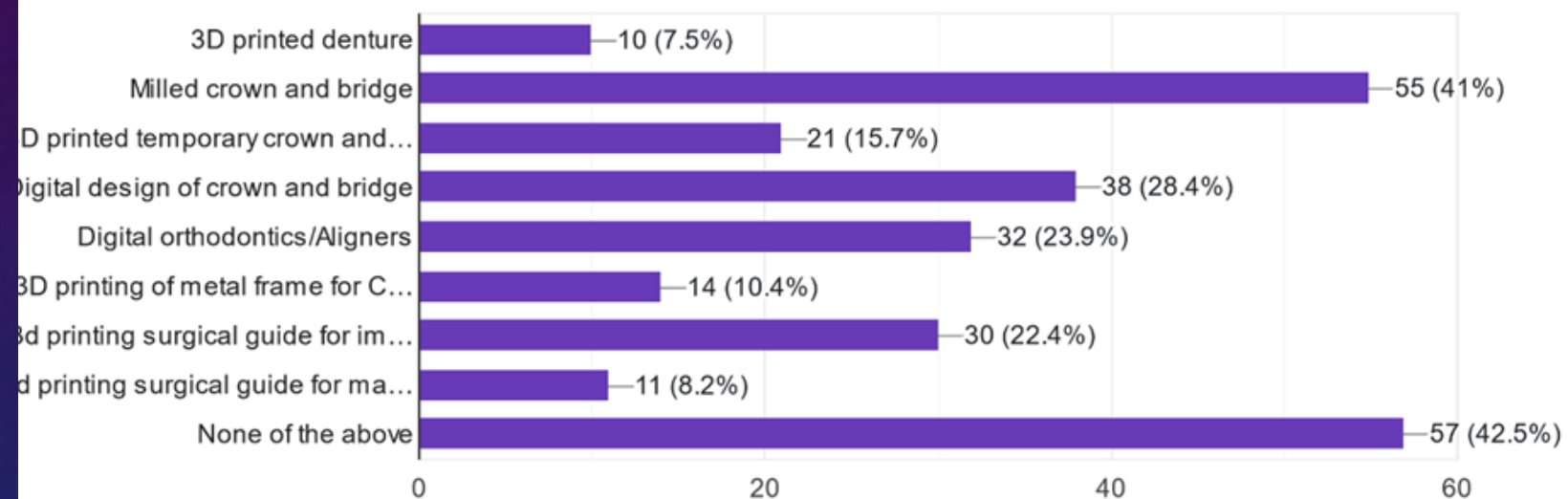
135 responses



# DIGITAL LABORATORY SERVICES

What type of digital service do you send to laboratory to get it done? Can tick more than one

134 responses



# Digitization development and integration dental healthcare in Malaysia

- Electronic Health Records
- Digital Imaging
- Tele-Dentistry
- Computer Aided Design and Manufacturing
- 3D printing
- Patient Management Software
- AI and Machine Learning
- Continuing Education and Training
- Regulatory Support and Policies
- Public Awareness and Engagement

# Example of digital equipments in Malaysia



# Intraoral scanner and face scanner



# SUMMARY

- IN THE CLINIC ABOUT **79.3** PERCENT OF DENTIST ARE USING SOME DIGITAL TECHNOLOGY IN DENTISTRY
- IN THE LABORATORY ABOUT **57.5** PERCENT OF DENTIST ARE USING DIGITALY PREPARED PROTHESIS/APLIANCES

# MALAYSIAN DENTAL ASSOCIATION

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*Thank  
You.*