



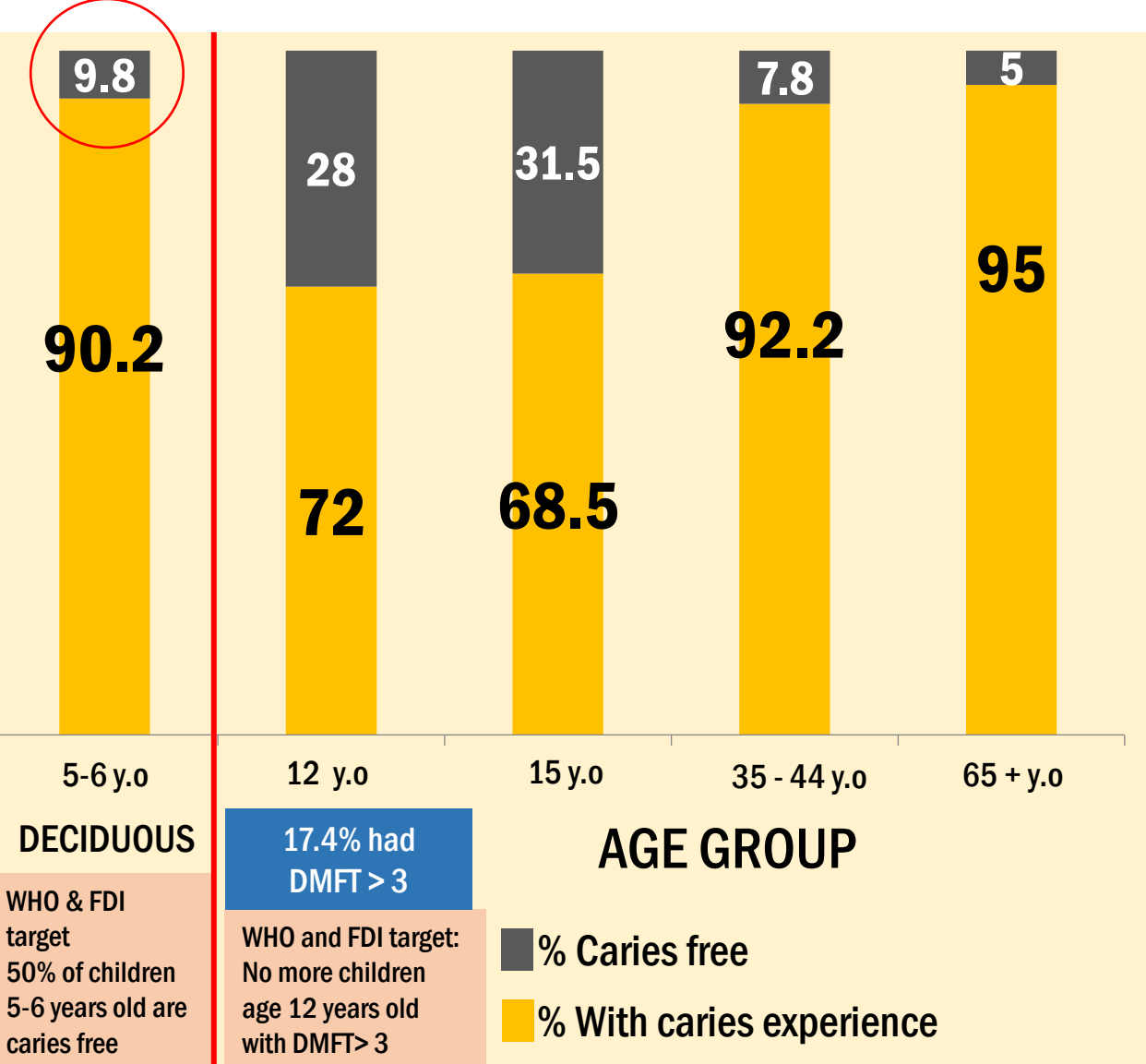
**THE USE OF DIGITAL  
TECHNOLOGY FOR  
ORAL HEALTH SURVEY AND  
COMMUNITY ORAL HEALTH  
PROGRAMS:  
AN INDONESIAN EXPERIENCE**



**DR. MELISSA ADIATMAN, PhD**  
National Oral Health Committee, Indonesia

# PREVALENCE & CARIES EXPERIENCE BY AGE GROUP (WHO) NATIONAL ORAL HEALTH SURVEY YEAR 2018

NATIONAL BURDEN OF DISEASE



DMFT : for permanent teeth  
dmft : for deciduous teeth

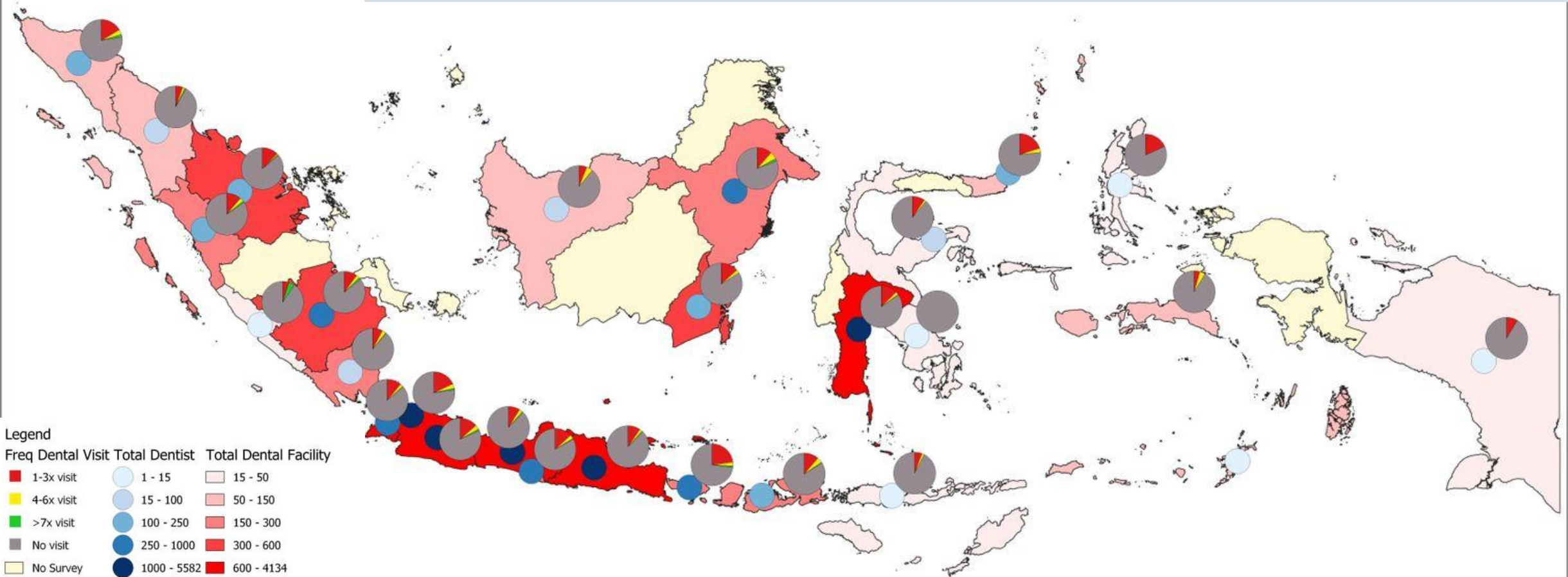
	dmft	DMFT			
AGE (years)	5-6	12	15	35-44	65+
MEAN	8.43	1.89	2.40	7.02	17.12

8-9 out of 20 deciduous teeth is decayed at age 5.yo

Dental treatment in outpatient care at hospitals and referral centers was one of the **10 highest health care expense** in the year of 2020 and 2021 with **1.278.436 cases** and spent more than **USD. 26.500.000,-** (Source : BPJS Kes (UHC) yearly report 2021)

## Distribution of Healthcare Facility, Dentist and Frequency Dental Visit

About 38,8% of total PHC in Indonesia have number of dentist below the minimum standard, and some even have no dental practitioner



Only 9,3% of total dentist graduates in Indonesia work in remote areas. Most of them are concentrated in Java island

500 1.000 km

# COUNTRY EFFORTS

- Based on evidence there is an urgency to formulate a **strategy on oral health** to country actions such as:
  - 2019, Formed **NATIONAL ORAL HEALTH COMMITTEE (within Ministry of Health)**  
The members are dental health care professionals representing various stakeholders from dental associations, academicians, units in MoH, and dental hospital associations
  - Conducting nation-wide FGD to identify the problem,  
Developing National Oral Health action Plan and various technical guidelines for oral health programs
  - Collaboration between MoH, 32 dental faculties, and private sectors, for various community programs; WOHD, Oral Health Awareness month, and **optimizing the use of of Tele-dentistry.**

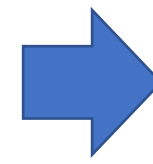


An aerial photograph of a busy port or shipping yard. Numerous large cargo ships are docked at long piers. In the foreground, there are many stacks of shipping containers and several large gantry cranes used for loading and unloading. The sky is clear and blue.

# OPTIMIZING THE USE OF **TELE-DENTISTRY**

Tele-dentistry is optimized for oral health screening, and to assess the level of caries risk of patients, also to perform initial assessments for vulnerable patients who have difficulties to access oral health care due to their comorbidities or other factors

# BEFORE THE PANDEMIC



# MODIFICATION

## SCHOOL OH SCREENING

1. Oral Health status
2. Oral Hygiene
3. Gingival status
4. Dental chart
5. Referral



KEMENTERIAN KESEHATAN REPUBLIK INDONESIA

371.7  
Ind  
P

### PETUNJUK TEKNIS PENJARINGAN KESEHATAN DAN Pemeriksaan Berkala ANAK USIA SEKOLAH DAN REMAJA

**APA SAJA YANG DIPERIKSA ?**

1. Pemeriksaan Riwayat Kesehatan, Immunisasi
2. Penilaian Perilaku Beresiko
3. Penilaian Kesehatan Reproduksi, Mental, Intelektual
4. Pemeriksaan Tanda Vital
5. Pemeriksaan Status Gizi
6. Pemeriksaan Kebersihan Diri
7. Pemeriksaan Kesehatan Indera Penglihatan
8. Pemeriksaan Kesehatan Indera Pendengaran
9. Pemeriksaan Gigi dan Mukut
10. Pemeriksaan Kebugaran Jasmani

KEMENTERIAN KESEHATAN  
2019

Socializing the use of digital technology for OH screening

Liaise with oral health professionals at PHC to get access to their school territory

Liaise with school-teachers to get the parent's contacts and digital consents, then distribute necessary links, videos, tutorials for the screening process

# SUBJECTIVE ASSESSMENT



WHO Questionnaire link:  
[bit.ly/KesgimulAnak](https://bit.ly/KesgimulAnak)

## Kuesioner Kesehatan Gigi dan Mulut Anak (WHO)

### HALAMAN PERSETUJUAN

Terima kasih telah meluangkan waktu untuk mengisi kuesioner ini.

- Tidak ada jawaban benar ataupun salah dalam kuesioner ini, jawaban berupa pengalaman yang pernah dirasakan siswa
- Pengisian kuesioner ini bersifat sukarela
- Setiap responden hanya boleh mengisi kuesioner sebanyak satu kali
- Jawaban anda terhadap kuesioner ini bersifat rahasia

 pkcmakasar2022@gmail.com (not shared) [Switch account](#)

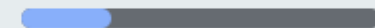
 Draft restored

Setelah membaca informasi diatas

- Saya bersedia untuk melengkapi kuesioner ini
- Saya TIDAK bersedia untuk melengkapi kuesioner ini

[Clear selection](#)

[Next](#)



Page 1 of 4

[Clear form](#)

# Persiapan

- Persiapkan Ponsel berkamera untuk melakukan pemotretan gigi.
- Posisikan anak dalam posisi duduk dan bersandar pada kursi
- Lakukan pemotretan pada kondisi ruangan yang terang
- Bila memungkinkan lakukan pemotretan dengan asisten untuk membantu proses pemotretan.



- Cuci tangan dengan sabun di air mengalir sebelum memulai pemotretan



- Bila memungkinkan, gunakan masker dan sarung tangan sebelum memulai pemotretan



# Langkah Cuci Tangan



Basahi tangan di air mengalir dan ambil sabun secukupnya



Basuh telapak tangan selama 7 hitungan



Bersihkan punggung tangan secara bergantian selama 7 hitungan



Bersihkan sela-sela jari selama 7 hitungan



Lakukan gerakan mengunci, basuh bagian tepi tangan sela 7 hitungan



Bersihkan kedua ibu jari secara bergantian selama 7 hitungan



Bersihkan ujung-ujung kuku dengan gerakan memutar pada telapak tangan secara bergantian, selama 7 hitungan



Bilas tangan pada air mengalir lalu keringkan dengan tisu atau handuk kering



# PENGATURAN KAMERA HP

✓ Menyalakan Flash



Tekan tombol *flash* (logo petir) pada layar atas ponsel



Kemudian tekan pilihan "hidup/aktif"

✓ Tekan Layar untuk Fokus



Jika gambar pada layar ponsel buram



Tekan layar satu kali sampai keluar kotak kuning untuk fokus pada gigi

# Posisi Pasien dan Jari Operator



## POSISI FOTO GIGI DEPAN

Posisi pasien duduk tegak dengan gigi sejajar kamera operator  
Jari Operator Membantu membuka bibir atas dan bawah pasien

## POSISI FOTO GIGI ATAS

Posisi pasien duduk tegak dengan kepala mengdongak sekitar 45° dari posisi awal  
Jari telunjuk dan ibu jari operator membebaskan bibir atas Pasien



## POSISI FOTO GIGI BAWAH

Posisi pasien duduk tegak dengan kepala menunduk kebawah  
Jari telunjuk dan ibu jari operator Membantu membebaskan bibir bawah pasien



## POSISI FOTO GIGI SISI KIRI

Posisi pasien duduk tegak dengan mempertahankan gigitan awal dan sedikit menoleh ke kanan  
Jari telunjuk dan ibu jari dari operator membantu membebaskan bibir atas dan bawah pasien



## POSISI FOTO GIGI SISI KANAN

Posisi pasien duduk tegak dengan mempertahankan gigitan awal dan sedikit menoleh ke kiri  
Jari telunjuk dan ibu jari dari operator membantu membebaskan bibir atas dan bawah pasien



## EVALUASI FOTO

# KRITERIA FOTO YANG BAIK

Foto Depan

Bagian gigi geligi terlihat jelas



Bagian gusi terlihat jelas

Foto Samping



Gigi belakang terlihat

Foto Atas dan Bawah



Permukaan gigit gigi belakang terlihat



## EVALUASI FOTO

# BAGAIMANA HASIL FOTO YANG BAIK?



BAIK



Gigi dan gusi terlihat jelas, cahaya baik, foto fokus



BAIK



Gigi belakang terlihat jelas, cahaya baik, foto fokus



TIDAK BAIK



Foto buram/kabur



TIDAK BAIK



Foto berbayang/goyang



TIDAK BAIK



Foto terlalu gelap



TIDAK BAIK



Gigi belakang tidak terlihat



TIDAK BAIK



Foto terlalu terang

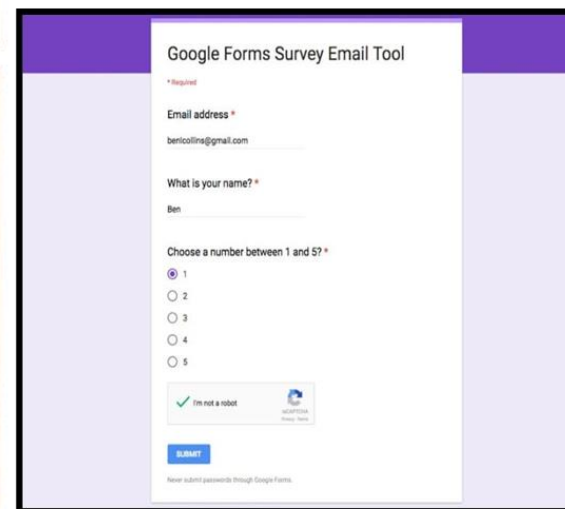


TIDAK BAIK



Gigi tertutup bibir dan pipi

# OBJECTIVE ASSESSMENT

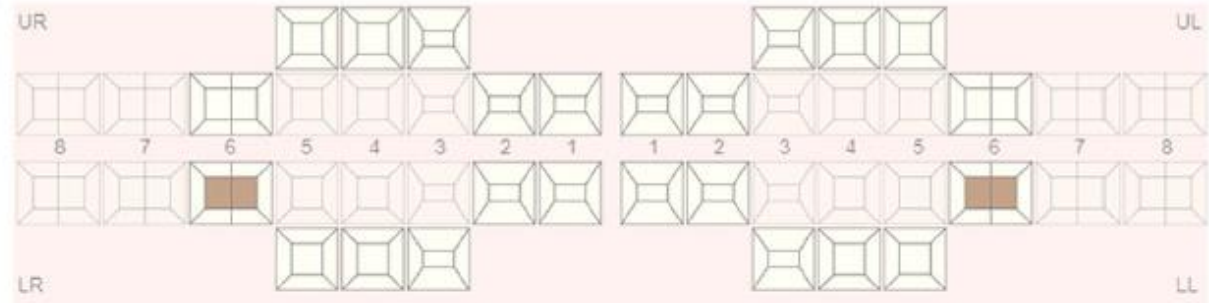


IT SUPPORT?



Fig. 3. Illustration showing the relationship between a smartphone camera and mouth during the photography.

**Adapted from:** Estai, M., Kanagasingam, Y., Huang, B., Checker, H., Steele, L., Kruger, E., & Tennant, M. (2016). The efficacy of remote screening for dental caries by mid-level dental providers using a mobile teledentistry model. *Community Dentistry and Oral Epidemiology*, 44(5), 435–441. doi:10.1111/cdoe.12232



**Plaque Score**

Moderate

**Treatment Plan**

Prompt treatment needed

**Summary for parents of ID:**

The patient has both baby and adult teeth present. The lower left and right back adult molar teeth appear to have had a sealant placed on them, however there looks to be some staining and shadowing where the sealant has come away suggesting some decay. There is a whiteish-yellowish spot on the enamel of the lower left second from the front tooth which suggests the enamel is slightly eroded on this tooth and good toothbrushing is recommended.

Recall

**Recommendations for ID:**

occlusal suggesting caries. There is a whiteish spot on the labial surface of the 32 which suggests hypomineralised enamel.

There is a moderate amount of plaque around the posterior molars. The gingiva is generalised pink and firm with localised areas of red and inflamed gingiva.

The recommendation written for each respondents will act as baseline data to design the next online oral health promotion programs by the local oral health professionals [link web/link PDF](#)

**Fig. 2** Screenshot of the Remote-I system depicting dentogram and dental images

**Teledentistry as a novel pathway to improve dental health in school children: a research protocol for a RCT**

Mohamed Estai, Yogesan Kanagasingam, Maryam Mehdizadeh, Janardhan Vignarajan, Richard Norman, Boyen Huang, Heiko Spallek, Michelle Irving, Amit Arora, Estie Kruger, Marc Tennant; BMC Oral Health. 2020; 20: 11. Published online 2020 Jan 14. doi: 10.1186/s12903-019-0992-1

## GOOD QUALITY PHOTOS



## POOR QUALITY PHOTOS



**Tutorials available:**

<https://youtu.be/LXFznNguqhM>

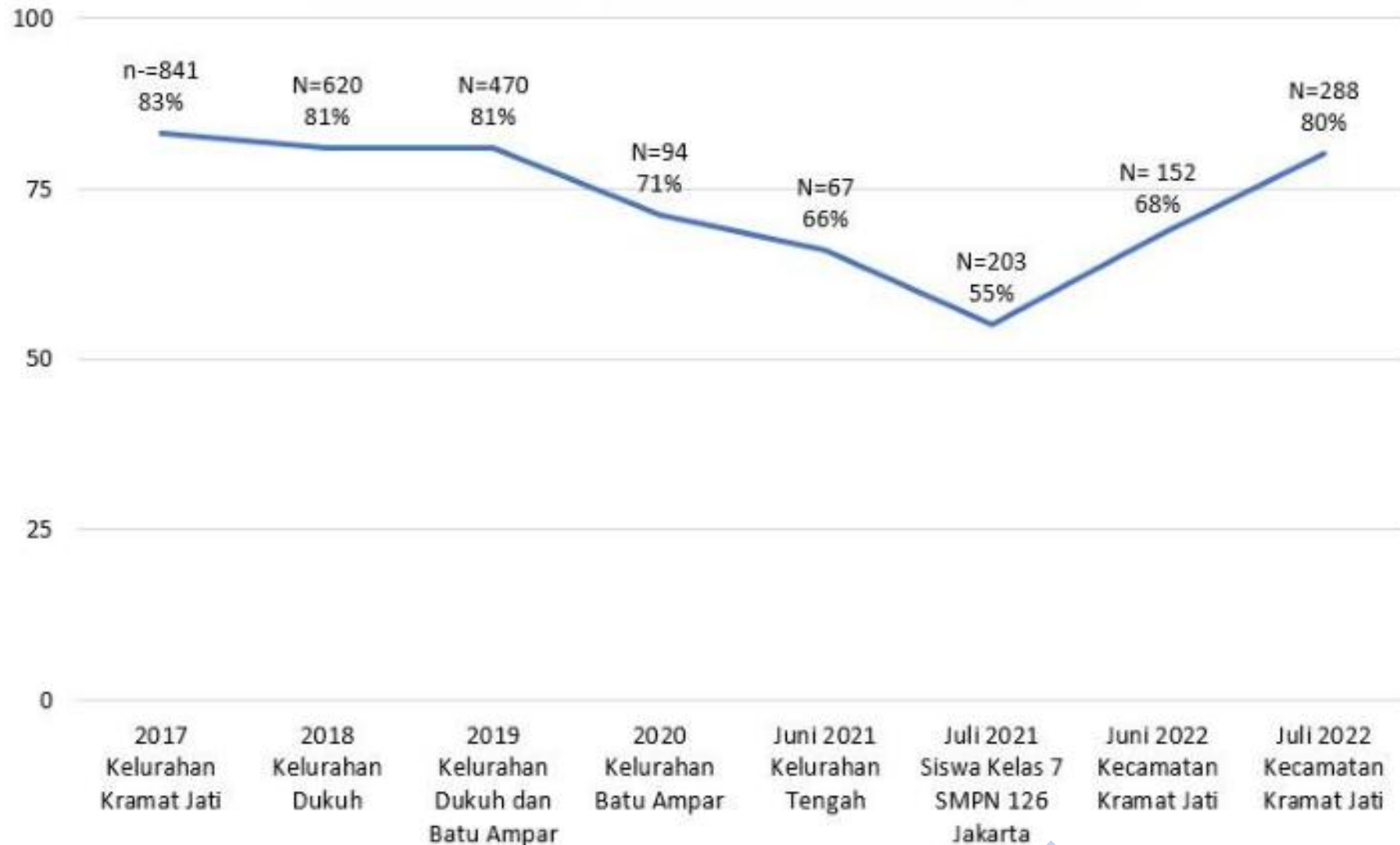
Difficult to perform  
on older people

# Lokasi Survei Kesehatan Gigi dan Mulut Kecamatan Kramat Jati

GOOGLE SITES

<p><b>Agustus 2017</b> I. TK Kartika VIII-2 II. TK RW 9 Kramat Jati III. SD Kartika VIII IV. SDN 02 Pagi Kramat Jati <a href="https://sites.google.com/site/kramatjatidua2012/">https://sites.google.com/site/kramatjatidua2012/</a></p>	<p><b>September 2018</b> A TK Cempaka B TK Bougenville C TK Angrek D TK An-Nur E SDN 08 <a href="https://sites.google.com/view/puskesmaskramatjati2/beranda">sites.google.com/view/puskesmaskramatjati2/beranda</a></p>	<p><b>Agustus 2020</b> SDN 1 Pagi Batu Ampar SDN 10 Pagi Batu Ampar SDN 5 Pagi Batu Ampar SDN 6 Pagi Batu Ampar Puskesmas Kel. Batu Ampar <a href="https://sites.google.com/view/kramatjati1-2015/halaman-muka?authuser=0">https://sites.google.com/view/kramatjati1-2015/halaman-muka?authuser=0</a></p>	<p><b>Juni 2022</b> PAUD Harapan PAUD Angrek PAUD Daarul Falaah PAUD Nusa Indah PAUD Permata Bunda BKB PAUD Bungur PAUD Pelita Hati PAUD Mawar Ceria PAUD Kasih Ibu PAUD Mutiara Bunda SD 07 SD 01 SMPN 49 SMPN 281 <a href="https://sites.google.com/view/kramatjati-putaran1-2022/beranda">https://sites.google.com/view/kramatjati-putaran1-2022/beranda</a></p>
<p><b>September 2017</b> a. TKIT Al-Ihsaniyah b. TK Babul Ilmi c. SD Al Fathiyyah d. SDN 01 BaleKambang e. Ponpes Al-Fatiyah <a href="https://sites.google.com/site/kramatjatidua2012/">https://sites.google.com/site/kramatjatidua2012/</a></p>	<p><b>Agustus 2019</b> 1. PAUD Riyadus Shalihin 2. PAUD Kuntum Suci 3. TK Al-Mu'minin 4. PAUD An-Nur 5. SMPN 263 6. SMPN 24 <a href="https://sites.google.com/site/kramatjatiputaran12019/home">https://sites.google.com/site/kramatjatiputaran12019/home</a></p>	<p><b>September 2020</b> TK Lazuardi MTS 06 Batu Ampar <a href="https://sites.google.com/view/kramatjati-2/halaman-muka?authuser=0">https://sites.google.com/view/kramatjati-2/halaman-muka?authuser=0</a></p>	
<p><b>Agustus 2018</b> F TKIT Al-Ihsaniyah G TK Babu Ilmi H SDN 07 Kramat Jati I SD Kramat Jati 02 J SMP Negeri 49 <a href="https://sites.google.com/site/puskesmaskramatjati2013">https://sites.google.com/site/puskesmaskramatjati2013</a></p>	<p><b>September 2019</b> BPK PAUD Tunas Harapan I PAUD Harapan Mulya TK EMIISC Jakarta TK Lazuardi Karima GIS SDN 10 Pagi Batu Ampar SDIT Al Khairaat SMPN 126 Batu Ampar MTSN 06 Batu Ampar Puskesmas Kel. Batu Ampar <a href="https://sites.google.com/view/kramatjatiputaran2-2014">https://sites.google.com/view/kramatjatiputaran2-2014</a></p>	<p><b>Juli 2021</b> RW 3 Kelurahan Tengah <a href="https://sites.google.com/view/kramat-jati-1-fkg-ui-2016/home?authuser=0">https://sites.google.com/view/kramat-jati-1-fkg-ui-2016/home?authuser=0</a></p> <p><b>Agustus 2021</b> SMPN 126 <a href="https://sites.google.com/view/kramatjati2021">sites.google.com/view/kramatjati2021</a></p>	<p><b>Juli 2022</b> PAUD Permata Bunda TK Harapan 1 TKN Kramat Jati 01 SDN 07 Kramat Jati SDN 01 Kramat Jati SMPN 49 SMPN 281 Kelurahan Kramat Jati <a href="https://sites.google.com/view/kramat-jati-2-2022/beranda">https://sites.google.com/view/kramat-jati-2-2022/beranda</a></p>

# Tren Karies Gigi di Kecamatan Kramat Jati



An aerial photograph of a busy port area, showing numerous shipping containers stacked in rows, several large cargo ships docked at piers, and various industrial structures and cranes. The image is in grayscale, except for the text overlay. A semi-transparent rectangular box is centered over the image, containing the title text. The text is in a bold, sans-serif font. The words 'MODIFICATION' and 'PROGRAMS' are in white, while 'ON ORAL HEALTH PROMOTION' is in yellow. A solid yellow horizontal bar is located at the bottom of the image, below the semi-transparent box.

# MODIFICATION ON ORAL HEALTH PROMOTION PROGRAMS



# INITIATIVES ON ORAL HEALTH PROMOTION AND ORAL DISEASE PREVENTION

## **ACTION :**

1. Encouraging **optimization of the use of various social media platform** for oral health promotion. Integrating oral health education within schools and pre-schools using online/hybrid modules
2. Limited trial of preventive programs, collaboration between dental faculties and PHC → independent toothbrushing programs, topical Fluoride application, based on disease risk level, which can be monitored remotely

## **NEXT PLAN :**

Prevention program targeting risk factors → Tobacco cessation , limitation of sugar intake

JAN  
2020

# INDONESIA

THE ESSENTIAL HEADLINE DATA YOU NEED TO UNDERSTAND THE STATE OF MOBILE, INTERNET, AND SOCIAL MEDIA USE



INDONESIA

TOTAL  
POPULATION



**272.1**  
MILLION

URBANISATION:  
**55%**

MOBILE PHONE  
CONNECTIONS



**338.2**  
MILLION

vs. POPULATION:  
**124%**

INTERNET  
USERS



**175.4**  
MILLION

PENETRATION:  
**64%**

ACTIVE SOCIAL  
MEDIA USERS



**160.0**  
MILLION

PENETRATION:  
**59%**



we  
are  
social



**SOURCES:** POPULATION: UNITED NATIONS; MOBILE: GSMA INTELLIGENCE; INTERNET: ITU; GLOBALWEBINDEX; GSMA INTELLIGENCE; EUROSTAT; LOCAL TELECOMS REGULATORY AUTHORITIES AND GOVERNMENT BODIES; SOCIAL MEDIA PLATFORMS' SELF-SERVICE ADVERTISING TOOLS; APJII; KEPIOS ANALYSIS; SOCIAL MEDIA: PLATFORMS' SELF-SERVICE ADVERTISING TOOLS; COMPANY ANNOUNCEMENTS AND EARNINGS REPORTS; CAFEBAZAAR. ALL LATEST AVAILABLE DATA IN JANUARY 2020. ♦ **COMPARABILITY ADVISORY:** SOURCE AND BASE CHANGES.

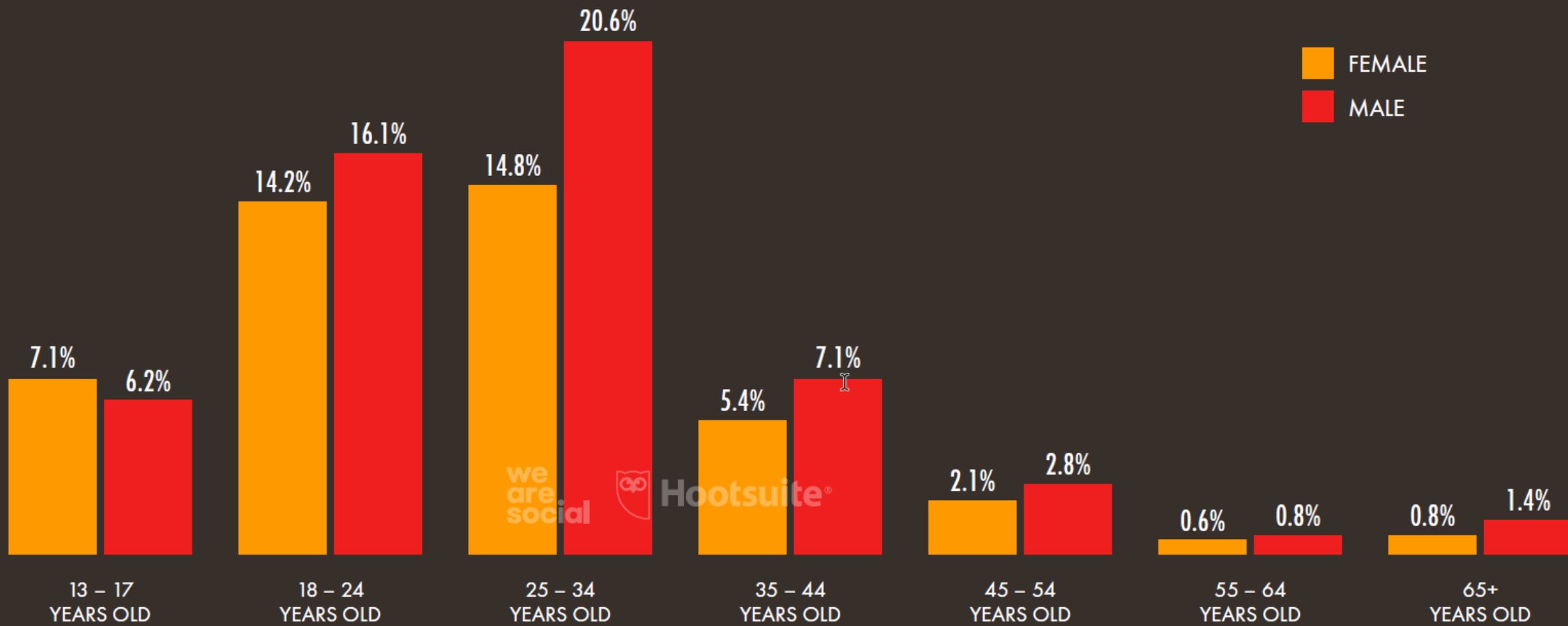
JAN  
2020

# SOCIAL MEDIA ADVERTISING AUDIENCE PROFILE

SHARE OF THE TOTAL ADVERTISING AUDIENCE\* ACROSS FACEBOOK, INSTAGRAM, AND FB MESSENGER, BY AGE AND GENDER



INDONESIA



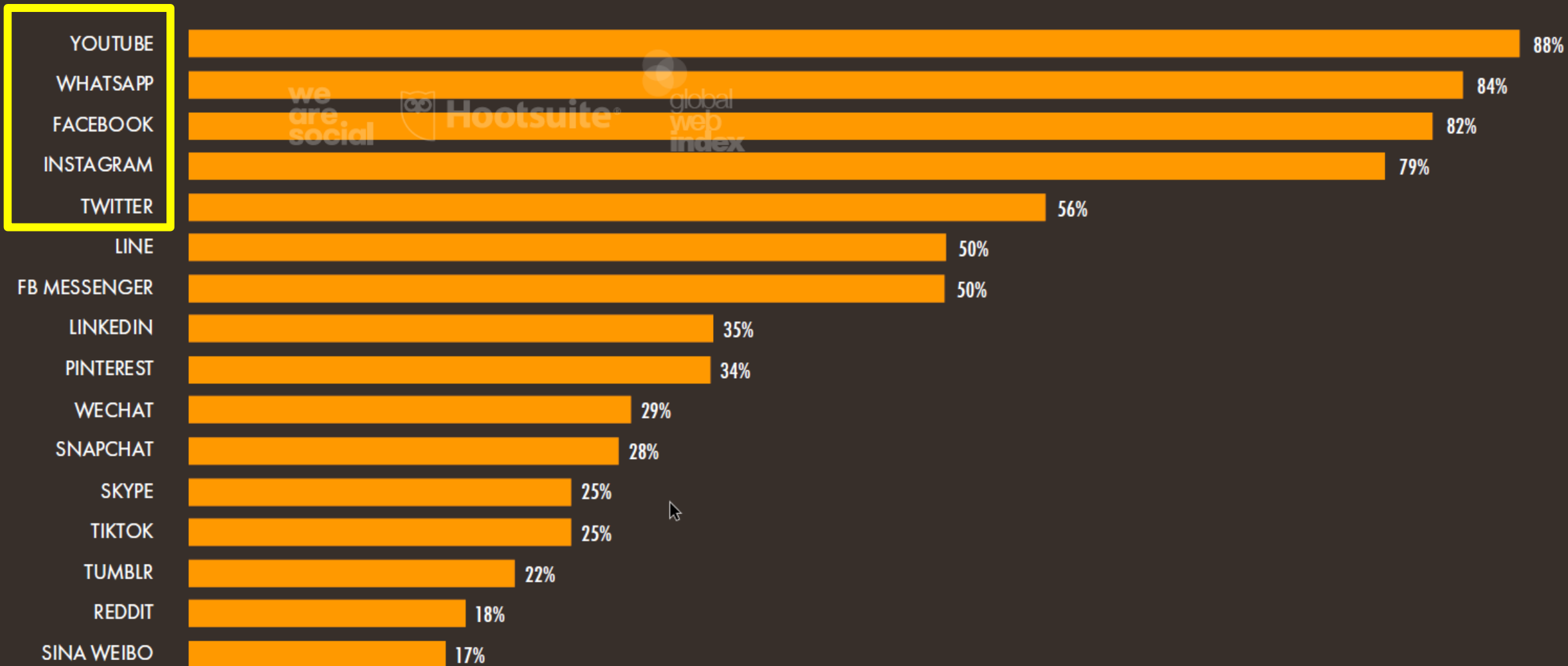
JAN  
2020

# MOST-USED SOCIAL MEDIA PLATFORMS

PERCENTAGE OF INTERNET USERS AGED 16 TO 64 WHO REPORT USING EACH PLATFORM IN THE PAST MONTH



INDONESIA



**SOURCE:** GLOBALWEBINDEX (Q3 2019). FIGURES REPRESENT THE FINDINGS OF A BROAD SURVEY OF INTERNET USERS AGED 16 TO 64. SEE [GLOBALWEBINDEX.COM](https://www.globalwebindex.com) FOR MORE DETAILS.  
**NOTE:** FIGURES ARE BASED ON INTERNET USERS' SELF-REPORTED BEHAVIOUR, AND MAY NOT MATCH THE MONTHLY ACTIVE USER FIGURES OR ADDRESSABLE ADVERTISING AUDIENCE REACH FIGURES FOR EACH PLATFORM THAT WE PUBLISH ELSEWHERE IN THIS REPORT.



# Media Sosial

## Youtube

**Senyum Sehat FKG UI**  
61 subscribers · 10 videos  
Senyum Sehat FKG UI merupakan channel youtube IKGMP FKG UI yang bekerja sama dengan PKC Kramat jati yang berisi edukasi...

**PKC Kramat Jati x FKGUI Menjaga Kesehatan Gigi dan Mulut dengan Xylitol**  
125 views · 6d ago #kesehatangigimulut #fgui #kedokteranngigi

**PKC Kramat Jati x FKGUI Cara Menggunakan Benang Gigi**  
213 views · 6d ago #kesehatangigimulut #fgui #kedokteranngigi

**PKC Kramat Jati x FKGUI Silver Diamine Fluoride SDF**  
8 views · 6d ago #gigisehat #kesehatangigidanmulut #gigi

**PKC Kramat Jati x FKGUI Aplikasi Fluoride Varnish**  
10 views · 4d ago #kesehatangigimulut #fgui #kedokteranngigi

**Senam Wajah**  
26 views · 5d ago #gigisehat #kesehatangigidanmulut #gigi

**PKC Kramat Jati x FKGUI Cara Menggunakan Benang Gigi dan Sikat Lidah**  
25 views · 5d ago #kesehatangigimulut #fgui #kedokteranngigi

**FASILITAS KESEHATAN TINGKAT PERTAMA**  
64 views · 4d ago #gigisehat #kesehatangigidanmulut #gigi

**PKC Kramat Jati x FKGUI Cara Menggunakan Obat Kumur**  
30 views · 4d ago #gigisehat #kesehatangigidanmulut #gigi

**PKC Kramat Jati x FKGUI Aplikasi Fluoride Varnish**  
13 views · 3d ago

# INNOVATION ON PREVENTIVE PROGRAMS DURING PANDEMIC SITUATION

## ADAPTING TO THE SITUATION - CREATIVELY USE VARIOUS ONLINE PLATFORM



Instagram



Liked by d\_yunaidy and 48 others

pkc.makasar [Cerita si Puska Ep. 1]

Tahukah Anda bahwa selama masa pandemi Covid-19, pelayanan kedokteran gigi di setiap fasilitas kesehatan tidak seperti biasanya? Tindakan-tindakan yang dapat dilayani di saat pandemi adalah hanya tindakan yang bersifat emergensi, sedangkan tindakan non-emergensi disarankan untuk ditunda terlebih dahulu. Untuk lebih lanjut, yuk simak Cerita



Liked by d\_yunaidy and 41 others

pkc.makasar [Cerita si Puska Ep. 2]

Di saat pandemi, kita tidak boleh lupa juga untuk selalu menjaga kesehatan gigi dan mulut di rumah. Untuk memudahkan mengingat apa saja yang perlu dilakukan agar gigi tetap sehat selama masa pandemi, ingat saja 3J:  
1. Jaga kebersihan gigi dan mulut  
2. Jaga asupan makanan

Mempersembahkan  
**WEBINAR**  
Perawatan dan Kesehatan  
Gigi Mulut di Masa Pandemi  
COVID-19  
SENIN, 24 AGUSTUS 2020  
PUKUL 10.00-11.15 WIB  
LIVE STREAMING  
VIA ZOOM MEETING  
DAN  
KANAL YOUTUBE PKC MAKASAR  
\*Berhadiah voucher GoPay/OVO gopay OVO

Contact Person  
Jesica  
081290180670  
drg. Shindy  
081314564615

**GRATIS**

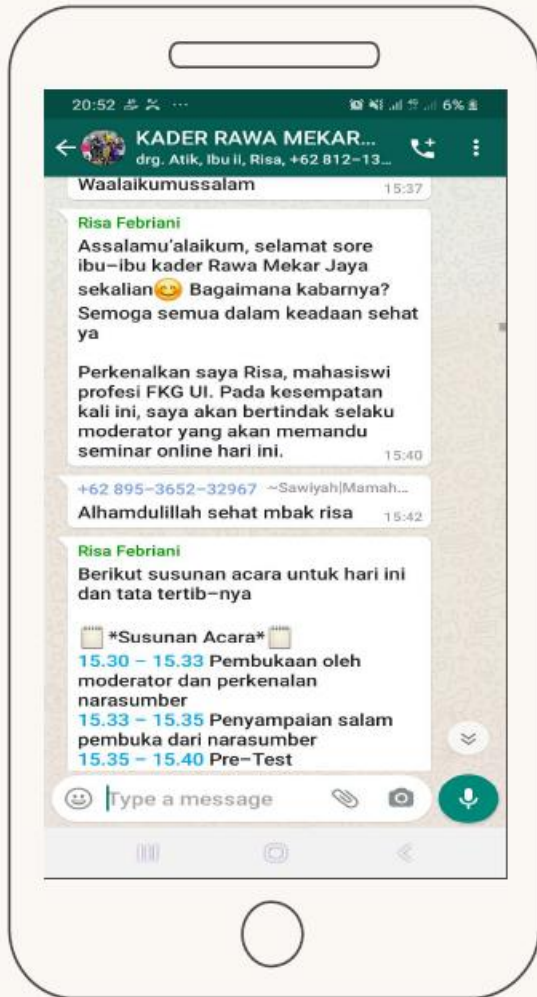
Liked by d\_yunaidy and 26 others

pkc.makasar Puskesmas Makasar x Departemen Ilmu Kesehatan Gigi Mulut-Pencegahan FKG UI mempersembahkan:

Segera daftarkan diri Anda melalui link pendaftaran online yang dapat diakses pada: <https://bit.ly/PendaftaranWebinar24Agustus>

# IMPLEMENTATION OF WHATSAPP EDUCATIONAL GROUP

VOLUNTEERS



# DESIGNING A TRAINING OF TRAINERS MODULES FOR SCHOOL TEACHERS

## NEEDS ASSESMENT

Berdasarkan survey kesehatan gigi dan mulut di  
Kecamatan Makasar



## PRE-TRAINING ASSESMENT

Pre-Test



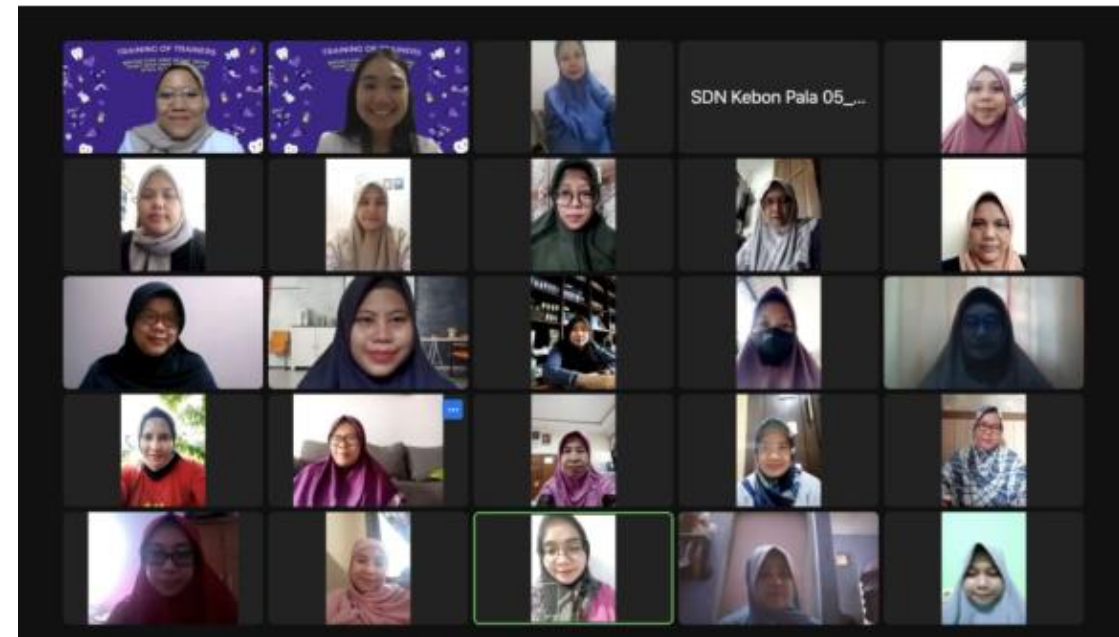
## ORAL HEALTH EDUCATION PROGRAM

Materi Training of Trainers



## POST TRAINING ASSESMENT

Post-Test dan Sesi Tanya Jawab



Priya, H., Khurana, C., Kharbanda, O., Bhaduria, U., Das, D., Ravi, P. and Monica Dev, D., 2020. Effectiveness of an oral health training program for school-teachers in India: An interventional study. *Journal of Education and Health Promotion*, 9(1), p.98.





# Mobile technologies for oral health: an implementation guide

BE HE@LTHY  
BE MOBILE



## mOralHealth literacy module

### Target audience/group members

patients, parents/caregivers, teachers, general health professionals, etc.

### Promoters

oral health professionals (dentists, dental hygienists, etc.), general health professionals (doctors, nurses, frontline health workers, CHWs) social workers, pharmacists, phone vendors, contract vendors, health promotion NGOs and related actors



## mOralHealth training module

### Target audience/group members

oral health professionals, general health professionals, teachers, carers

### Promoters

dental schools, continuing education institutions, medical schools, training institutions, national health care system administration, employers, etc.



## mOralHealth early detection module

### Target audience/group members

high-risk groups (e.g., people exposed to risk factors such as strong consumption of tobacco and harmful use of alcohol), people with limited access to oral health services (e.g., living in remote areas, limited mobility, etc.), general health professionals (e.g., frontline health workers)

### Promoters

oral health professionals, general health professionals (e.g., frontline health workers), insurance providers



## mOralHealth surveillance module

### Target audience/group members

general population, oral health professionals, general health professionals, parents, teachers

### Promoters

health care providers, oral health professionals, general health professionals, CSOs



# MODIFICATION ON PREVENTIVE PROGRAMS

# STEP 1: CATEGORIZING CARIES RISKS



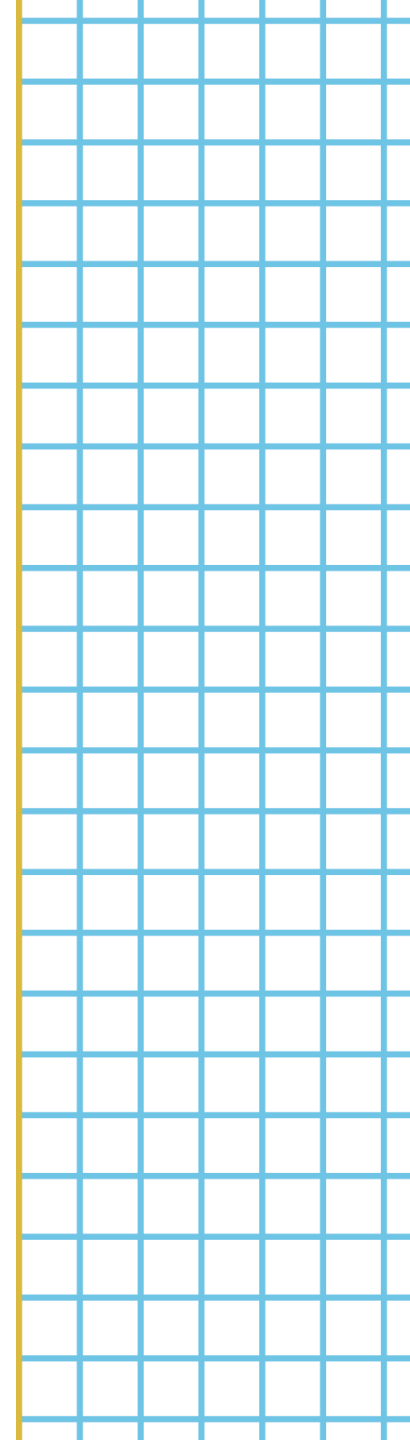
**LOW RISK**  
WN 12 y.o



**MEDIUM RISK**  
MFA 13 y.o

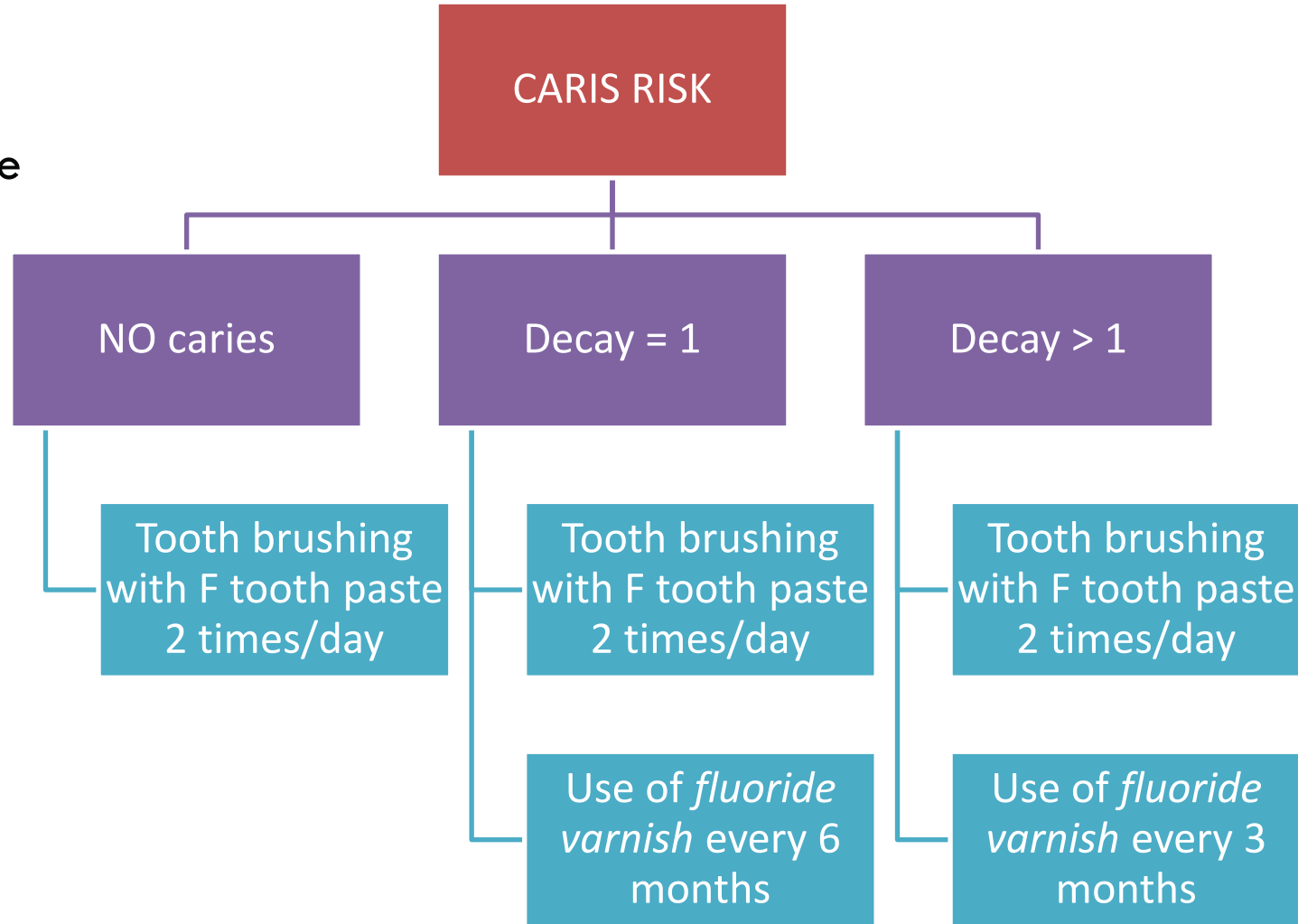


**HIGH RISK**  
MA 14 y.o



# Recommendation on preventive regimes at home for 5 y.o

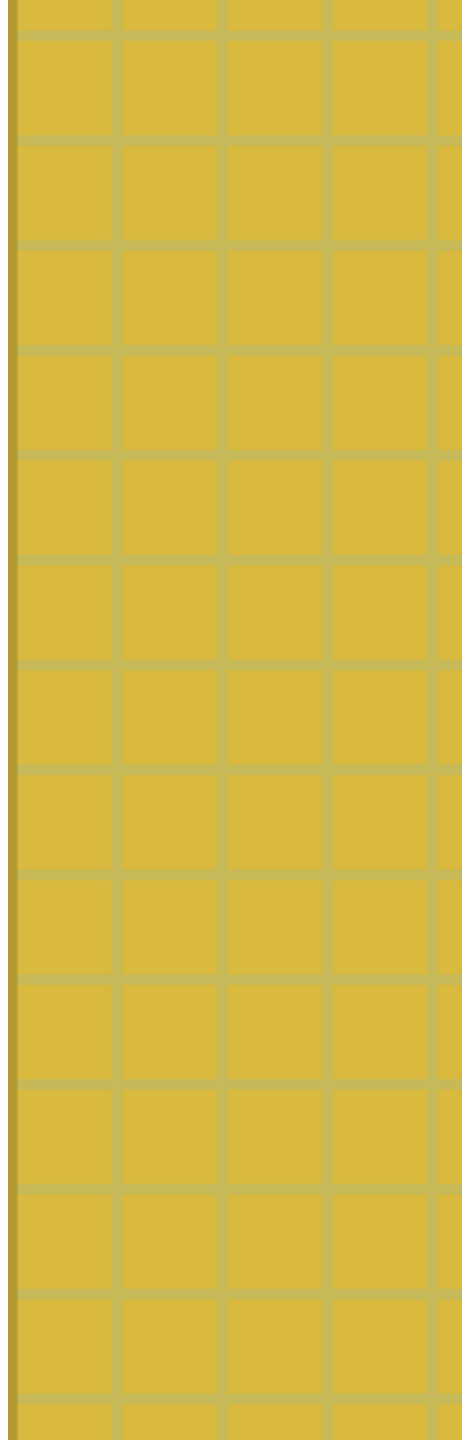
To reduce caries incidence



# STEP 2: SESSION TO INFORM THE BENEFIT OF F VARNISH, AND HOW TO USE THEM AT HOME



Rp. 37,500, harga tertera di e-commerce



# STEP 3: PRODUCT DISTRIBUTION



**Low risk : Toothbrush and tooth paste**



**Medium and high risk: fluoride varnish and NaF contain mouthwash**

# LOGBOOK, MONITORING, AND EVALUATION



Usage of varnish and other preventive materials are recorded, short videos report and feedback are made

# CASE: PROBLEM IDENTIFICATION AND PROGRAM DESIGN FOR 5 YEARS OLD GROUP

LIST OF PROBLEMS	PROPOSED PROGRAMS	EVALUATION
Caries prevalence 78,6%	<p style="text-align: center;"><b>Training of Trainers for school Teachers</b></p> <ul style="list-style-type: none"> <li>● Training on early detection and how to maintain children's oral health</li> </ul> <p style="text-align: center;"><b>Educate the parents through WA/YouTube</b></p> <ul style="list-style-type: none"> <li>● Increasing parents oral health literacy</li> </ul> <p style="text-align: center;"><b>Specific protection</b></p> <ul style="list-style-type: none"> <li>● Application of Silver Diamine Fluoride (SDF) to high risk children</li> </ul>	<ul style="list-style-type: none"> <li>• Pre-test and Post Test design for ToT</li> <li>• Number of <b>arrested caries</b></li> <li>• Evaluating Oral Health related Quality of life using <b>HeLD questionnaire</b></li> </ul>
dmf-t score = 5,9		
Unmet need of oral health care 66,7%		
24,3% felt they have bad oral health		
100% felt their oral health affects their everyday life		
>30% frequently consume Sugar sweetened beverage and sweet snacks		



# SOME CONSTRUCTIVE FEEDBACKS

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- 1. Simplification of the online platform used**, too many platforms used (Zoom, Google Meet, Microsoft Teams, Kaizala, Whatsapp) sometimes can be overwhelming and consume big data quota
- 2. Considering time spent online.** Long discussions, group works, presentations online, can cause eye strain and decrease participation
- 3. Increase coordination** between PHC person in charge and local supervisors, to avoid misperceptions as the module progress along
- 4. More use of video demonstration** to get the “actual feel” on what’s being teach and presented
- 5. Digital divide:** bad signal, gadget ownership, not ready to use digital technology, and lack of user friendly guides

# TERIMA KASIH!

## Merci Beaucoup

### REACH US

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**LET'S  
DISCUSS...**