QLL 105

INCREASING THE PERCENTAGE OF REFERRED ORTHODONTIC PATIENTS THAT ACHIEVED GOOD ORAL HYGIENE (OH) WITHIN **16 WEEKS FROM KLINIK PERGIGIAN BAHAU**

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INTRODUCTION

Oral hygiene (OH) review is a mandatory procedure conducted biweekly at primary care for patients interested in orthodontic treatment prior to orthodontic specialist referral. Poor OH increases the risks of tooth decay and gum diseases during orthodontic treatment.

1. SELECTION OF OPPORTUNITIES FOR IMPROVEMENT

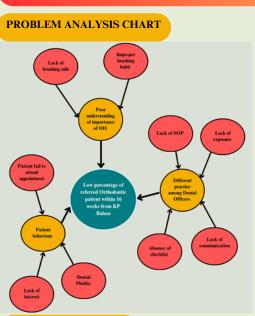


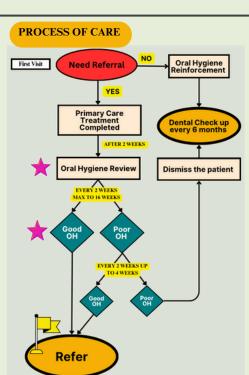
PROBLEM 2023 2022 NO Percentage of referral to Target 45% 1 Orthodontic Department ≥80%

Source : Plan of Action KP Bahau, 2023

Only 45% of patients in Klinik Pergigian Bahau (KPB) attained good OH within 16 weeks in 2022. Lack in brushing techniques, poor dental awareness, lack of brushing aids, disinterest for orthodontics treatment, defaulted regular check ups and different practice among officers were the contributing factors.

2. KEY MEASURES FOR IMPROVEMENT





LITERATURE REVIEW

A malocclusion (especially if severe) can significantly impair an individual's quality of life by affecting aesthetics, masticatory function, self-esteem and psychological well-being, and so an effective orthodontic screening and treatment system is important.

(Masood et al., 2013; Bernabe et al., 2008; O'Brien et al., 2007)

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3. PROCESS OF GATHERING INFORMATION			4. AN	ALYSIS A	AND INTERPRETATION	5. STRATEGIES FOR CHANGE	
INFORMATION			Q1 : What do you check during oral hygiene review ?			5.1 DENTAL OPERATORS : STRENGTHEN RECALL SYSTEM	
Type of study	Quality Improvement Study	7	<u>32%</u>	In the morning for 5 minutes and at night for two minutes	NOP: NOP: NOP: K1% 75% 75%	Ing. Control State State Statements gan Gplan 16.95 AARSENSAGE gan Splan 16.95 Statements gan Splan 16.95	
Location	Klinik Pergigian Bahau		28% Ves 72% Recommended Q4 : How often should I go for dental check up ?		60 		
Study Period	 Pre intervention: January 2022 to December 2022 Post intervention: January to December 2023 				40 4 %	Original appointment cards improvised to Dental Hygiene Tracker containing patient education links and appointment schedule with patient current OH status.	
Tools	 Self developed questionnaire (Officer and patients) Dental Records Oral Hygiene Tracker Card Dentist Checklist 				Q1 Q2 Q3 Q4 Q5 Q6 Q7 Q1 What do you check during oral hygiene review ? Oral Hygiene Bikeding on Probing Q2 Why do patients fail during oral hygiene review ? Lack of interest Poor Understanding Lack of interest Lack of interest Lack of interest Q3 Lack of nonredge Q3 Q4 Q5 Q6 Q7	5.2 DENTAL OPERATORS : IMPROVED CDE SESSION 5.3 DENTAL OPERATORS : CHECKUP CHECKLIST OPERATORS : UNDECREGATION	
Study Sample	Patients who need referral f orthodontic treatment.	or	92%	Every 6 months When I have pain from my teeth or gums	Q4: What index (preventing (*)) or accounty in provingence (*) is acceptance (*) effect a patient for orthodoutic treatment? 		Calcular deck : D Biederig on pomber : D Gingral inflammation (marginal) interdential) : D <u>Addest</u> Tostbirsching technique : verbally <u>d</u> demo <u>D</u> Resing technique : verbally <u>d</u> demo <u>D</u>
Inclusion Criteria	Patients who needs Orthodontic treatment		Q5: Why would you want to get orthodontic treatment?		Q5 : Farterit does not hoss what do you do ; Verbal Explanation Photos Demo on partient / model Q6 : What is the ideal interval between oral bygiene (OH) review ?	CDE given to Dental Officer The standardize practice among officers Chairside OH instructions by officer to patient given hands on and demo with video.	
Exclusion Criteria	Patients who failed to attend oral hygiene review session within the study period.				2 weeks Q7 : How long should you keep a patient under review for ? Within 8 reviews Until Oral Hygiene satisfactory Different practice between officers (Average : 13.9%)		-
6. EFFE MODEL OF G	CT OF CHANGE			ABNA	7. NEXT STEP	9 9 Pental Hygiene Tracker' card	
CRITICAL ST	EP CRITERIA	STANDARD	PREREMEDIAL PHASE	CYCLE 1	ADIVA	at district level are in progress with Orthodontic Specialist	ss. We plan to collaborate
EXAMINATIO AND DIAGNOSIS	Examining patients who request for orthodontic treatment. Diagnosing if the patient needs orthodontic treatment	100%	100%	100%		REFERENCES Milton H T , Nes N (2020) C SCREENING AND REFER DENTAL THERAPISTS IN	ORTHODONTIC RRAL PRACTICES OF
	 Recording in OH-CIS Using dentist checklist 	100% 100%	87% 0%	96% 92%	60 ABNA 35%		lic Health and Clinical Sciences,
ORAL HYGIEN INSTRUCTION AND BRUSHIN HABITS	 For check up Chairside oral hygiene instructions with pictures and model. Providing 'Oral Hygiene Tracker' card for following appointments 	100% 100%	38% 0%	96% 100%	 Vol. 7, No.2 : Retrieved from https://publichealthmy.org/ejournal/ojs2/index.php/ijph le/download/1183/707 Mah E C (2020) Periodontal Assessment Before Orthor Treatment. MyHealth Ministry of Health Malaysia : Retrieved from: myhealth.moh.gov.my <u>ACKNOWLEDGEMENTS:</u> Dr. Afiza Binti Hassan, SDO Jempol Dr. Yim Kah Mun, Orthodontic Specialist Kuala Pila 		ournal/ojs2/index.php/ijphcs/artic Assessment Before Orthodontic try of Health Malaysia :
RV OH	& explaining its function Using dentist checklist for check up Providing verbal reminde m reminer	100%	0%	96%			O Jempol
	reminder on review appointments	100%	68%	96%	ional O.A. Convention, 8-10 October 2024, Negeri Semb	Dental Officers, KP Bahau	

SERIOUSNESS

In 2022, only 45% of eligible KP Bahau patients achieved good oral health within 16 weeks, delaying the necessary early intervention. A malocclusion (especially if severe) can significantly impair an individual's quality of life by affecting aesthetics, masticatory function, self-esteem and psychological well-being, and so an effective orthodontic screening and treatment system is important (Masood et al., 2013; Bernabe et al., 2008; O'Brien et al., 2007). MEASURABILITY 11 Percentage of patients referred within 16 weeks. APPROPRIATENESS Problem existed until 2022. REMEDIAL Improvement measures can be implemented. TIMELINESS

FRGIGIAN DAERAH

Study done in January - December 2023.

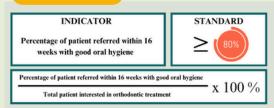
GENERAL OBJECTIVE

To increase the percentage of referred patients needing orthodontic treatment from KP Bahau.

SPECIFIC OBJECTIVE

- · Increasing the percentage of referred Orthodontic Patients that achieved good oral hygiene (OH) within 16 weeks from Klinik Pergigian Bahau.
- To identify the possible factors contributing to low percentage referring patient within 16 weeks among patient and officers.
- · To formulate and implement remedial measure to increase the percentage of referral with 16 weeks.
- · To evaluate the effectiveness of OHI remedial measures.

KEY INDICATOR





This e-poster is presented at the 12th National QA Convention, 8-10 October 2024, Negeri Sembilan