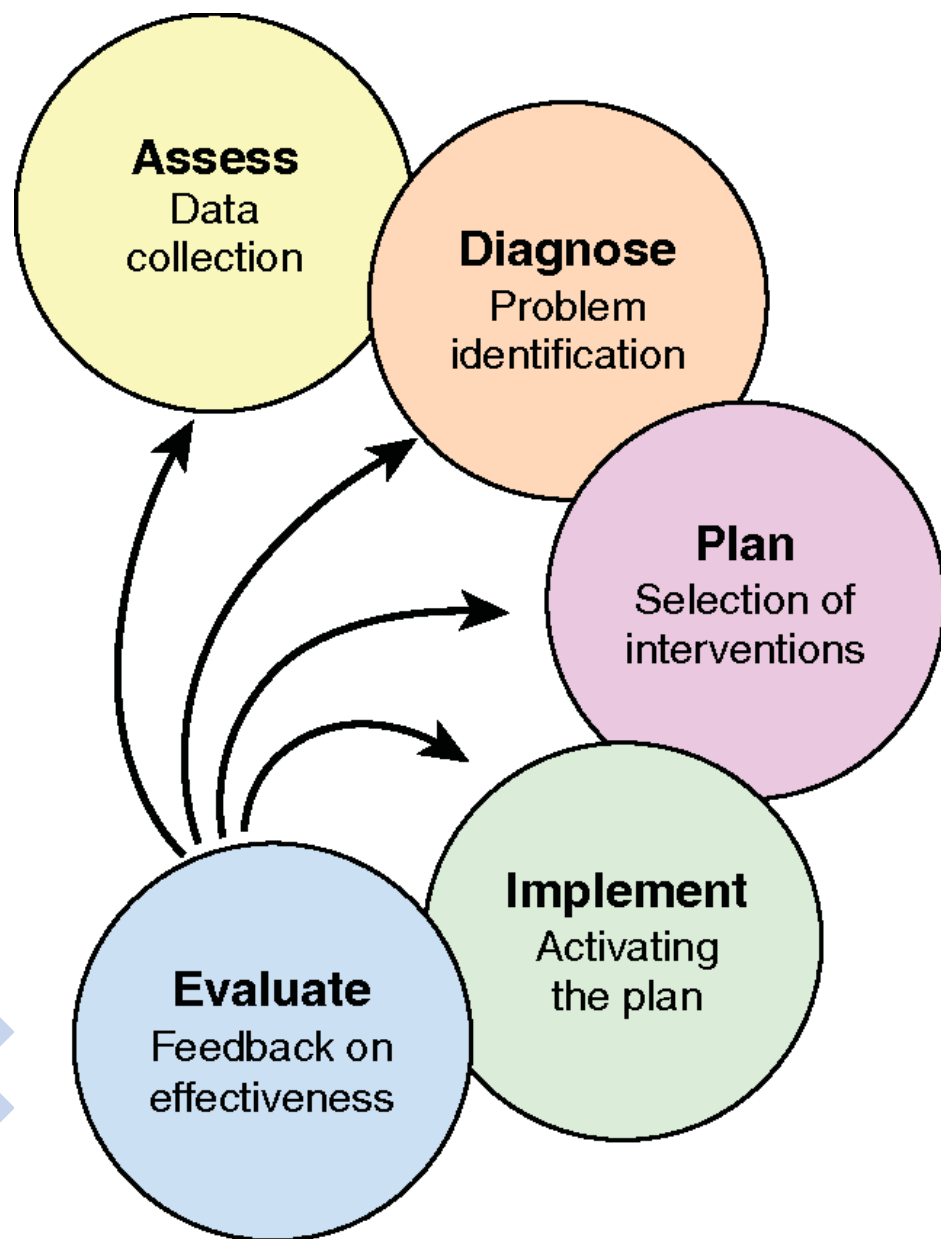




THE DENTAL HYGIENE CARE PLAN

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MARCH 25, 2021

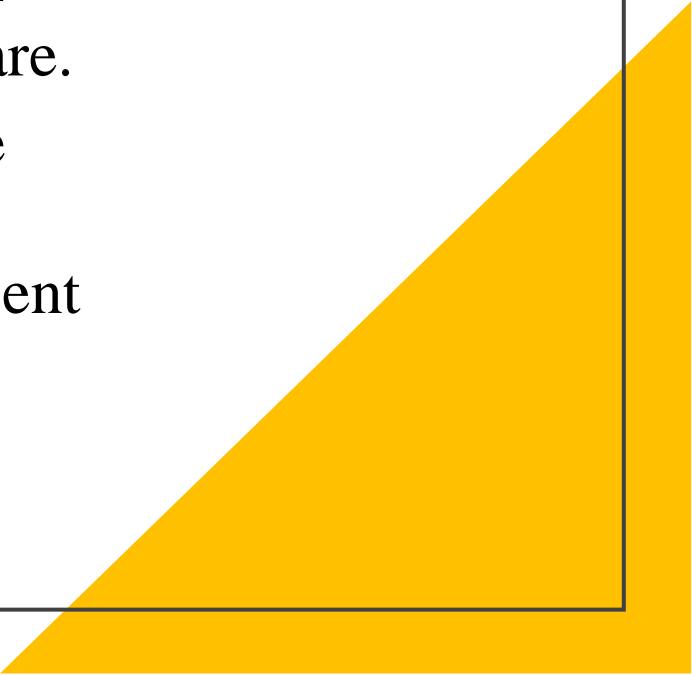




Do you know
what is dental
hygiene care
plan?



OBJECTIVES

- 1) Identify the basic parts of the dental hygiene care plan.
 - 2) List the components of a written dental hygiene care plan.
 - 3) Determine the factors affecting sequence of patient care.
 - 4) Apply the procedures for presenting a care plan to the patient and the dentist.
 - 5) Reflect on the importance of obtaining informed consent from the patient.
- 
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Preparation of a Dental Hygiene Care Plan

❖ **Dental hygiene care plan:** The services within the framework of the total treatment plan to be carried out by the dental hygienist.

❖ **Description**

- Prioritized sequence plan
- Evidence-based intervention
- Predicated on diagnosis
- Composed of integrated plans
- Integrated into treatment plan



Preparation of a Dental Hygiene Care Plan

❖ Rationale

- Dental hygiene intervention
- Sequencing and prioritizing
- Checklist

❖ Objectives

- Patient needs
- Flexible and realistic
- Treatment and education goals
- Interventions and recommendations



Parts of a Care Plan

Periodontal/gingival
health

Dental caries
control

Other;
Preventive care

Parts of a Care Plan

❖ Periodontal/Gingival Health

➤ The primary objective: Health of the periodontal tissues

➤ Attention to interventions that can reduce:

- Individualized risk factors
 - Systemic disease
 - Periodontal disease
-



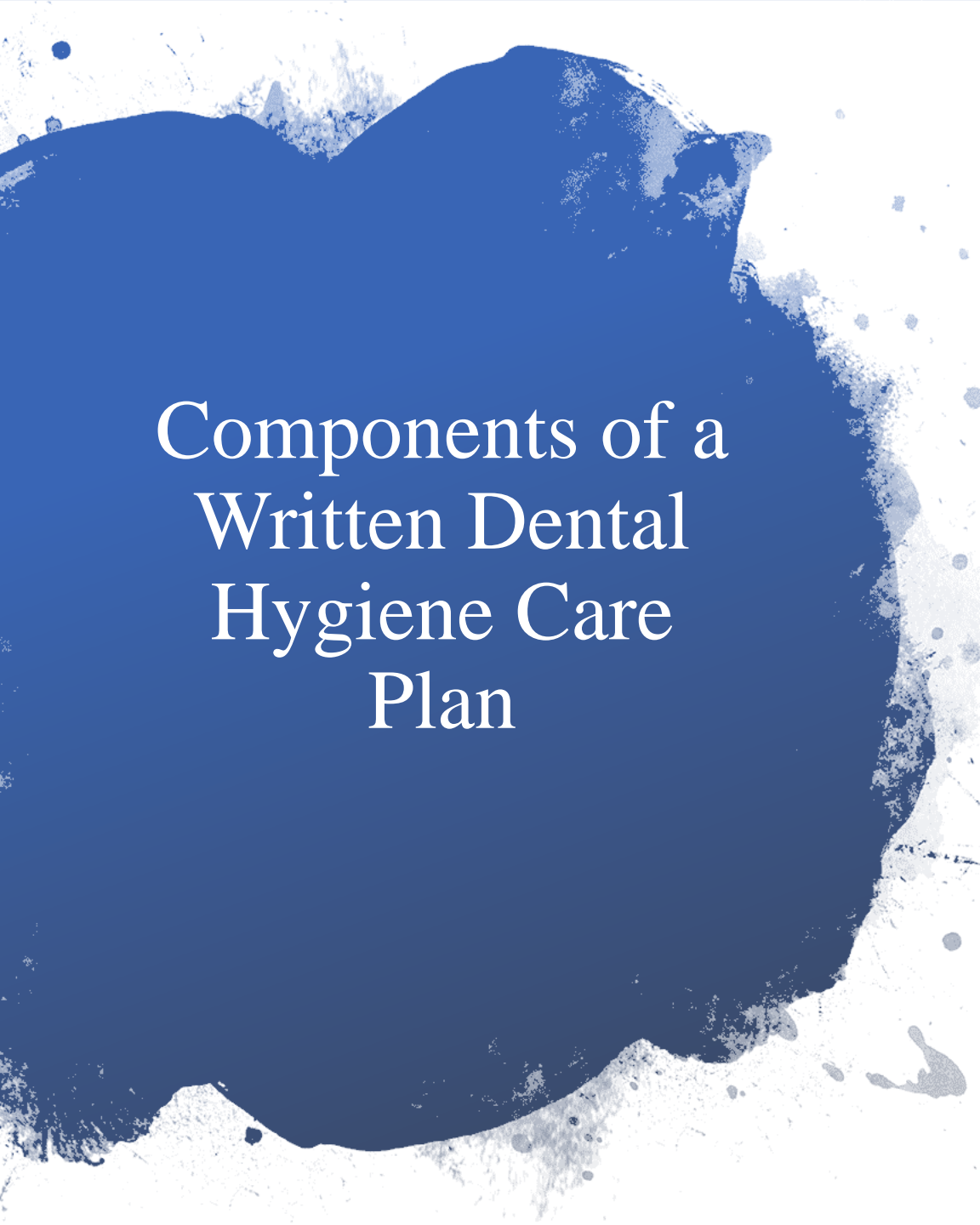
Parts of a Care Plan

❖ Dental Caries Control

- Remineralization program
- Fluorides
- Dental sealants
- Dietary control

❖ Preventive Care

- Daily bacterial control
 - Tobacco cessation counseling
 - Desensitization exposed dentin
 - Resolving halitosis
-



Components of a Written Dental Hygiene Care Plan

- Demographic Data
- Assessment Findings and Risk Factors
- Periodontal Diagnosis and Status
- Caries Risk Status
- Diagnostic Statements
- Planned Interventions
- Expected Outcomes
- Evaluation Methods
- The Appointment Plan
- Reevaluation

Patient Specific Dental Hygiene Care Plan

Patient name _____ Age _____ Gender: M ☐ F ☐ Initial therapy ☐
 Provider name _____ Date _____ Maintenance ☐
 Chief complaint: _____ Re-evaluation ☐

Assessment Findings	
Medical history	At Risk For
Systemic disease	
Other conditions	
Medications	
ASA classification	
ADL/IADL level	
Social and dental history	
Treatment history	
Dental knowledge	
Health behaviors	
Cultural factors	
Dental examination	
Extraoral examination	
Intraoral examination	
Teeth/restorations	
Periodontal examination	

Periodontal Diagnosis/Case Type and Status:	Caries Management Risk Assessment (CAMBRA) level: Low <input type="checkbox"/> Moderate <input type="checkbox"/> High <input type="checkbox"/> Extreme <input type="checkbox"/>
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Dental Hygiene Diagnosis	
Problem	Related to (Risk Factors and Etiology)
Extraoral	
Intraoral	
Restorative/caries risk	
Periodontal status or risk	
Systemic health	
Self-care ability	

FIGURE 24-1 Patient-Specific Dental Hygiene Care Plan. The written care plan includes a summary of assessment findings, the dental hygiene diagnosis, planned dental hygiene interventions, expected outcomes, and an appointment plan that sequences treatment procedures and education interventions for each appointment. (Modified with permission from a care plan model, based on the *Dental Hygiene Process of Care*, that was originally provided by Dr. Laura Mueller-Joseph.) (continued)

Planned Interventions (to arrest or control disease and regenerate, restore or maintain health)		
Clinical	Education/Counseling	Oral Hygiene Instruction/Home Care

Expected Outcomes		
Goals	Evaluation Methods	Time Frame
1		
2		
3		
4		

Appointment Plan (sequence of planned interventions)						
Appt #	Plan for Treatment and Services	Plan for Education, Counseling and Oral Hygiene Instruction				
1	<div style="display: flex; justify-content: space-around;"> Quadrant </div> <table border="1" style="margin: auto;"> <tr><td></td><td></td></tr> <tr><td></td><td></td></tr> </table>					
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Re-evaluation Findings	
Re-treat <input type="checkbox"/>	Refer <input type="checkbox"/> Continuing care interval _____
Description of post-treatment outcomes:	

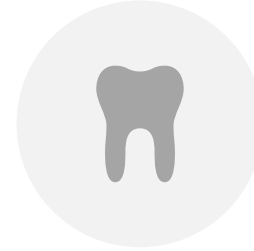
Demographic Data

- Patient name, age, and gender
- Therapy type
- Provider name
- Date of care plan
- Chief complaint

Assessment Findings/Risk Factors



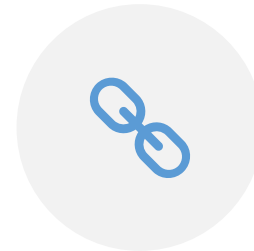
Medical
History



Social and
Dental History



Clinical
Examination



Link to Risk
Factors

Components of a Written Dental Hygiene Care Plan

Components of a Written Dental Hygiene Care Plan

❖ Periodontal Diagnosis and Status

- Dentist's diagnosis
- Periodontal case type
- Parameters of care

❖ Caries Risk Status

- Caries management risk assessment (CAMBRA) level

❖ Diagnostic Statements

- Link problem to:
 - Etiology
 - Risk factors
 - Dental hygiene practice

PROBLEM	RISK FACTOR AND ETIOLOGY
Hypersensitivity	Exposed cementum/gingival recession
Gingival bleeding	Related to: Biofilm accumulation causing inflammation

Components of a Written Dental Hygiene Care Plan

❖ Planned Interventions

- Clinical treatment
- Education/counseling
- Oral hygiene instruction

❖ Expected Outcomes

- Goals
- Evaluation methods
- Time frame

❖ Evaluation Methods

- Assessment data collection
- Comparison with findings
- Progress measurement

❖ Appointment Plan

- Multiple appointments
- Sequence of planned interventions:
 - Patient comfort
 - Planned goals

❖ Re-evaluation

- Re-evaluation findings
 - Re-treat
 - Refer
 - Continuing care interval

Sequencing and Prioritizing Patient Care



❖ Objectives

➤ Individualized patient care

- Assessment data analysis
- Documented evidence
- Scientific literature

➤ Signs and symptoms

- Gingival bleeding
- Probing depths

➤ Predisposing factors

- Microorganisms of biofilm
- Modify risk factors

➤ Optimum oral health

- Oral disease etiology
- Prevention measures
- Daily self-care
- Maintenance follow-up

Factors Affecting Sequence of Care

- A. Urgency
- B. Existing etiologic factors
- C. Severity and extent of the condition
- D. Individual patient requirements
 - Antibiotic premedication
 - Systemic diseases
 - Physical disability
 - Other considerations; necrotizing ulcerative gingivitis





Presenting the Dental Hygiene Care Plan

❖ Presenting the Plan to the Dentist

➤ Purpose

- Total treatment plan
- Oral health needs statement

➤ Procedure

- Sequence of care plan
- Health assessment findings
- Risk factors
- Intervention strategies and expected outcomes
- Appointment sequence



Presenting the Dental Hygiene Care Plan

❖ Presenting the Plan to the Patient

➤ Purpose

- Informed consent
- Patient's role

➤ Procedure

- Patient position in upright position
- Appropriate terminology
- Patient education
- Visual aids
- Patient engagement
- Informed consent



**Watch this
video**

What do you
think?

Informed Consent

❖ **Informed consent:** a patient's voluntary agreement to a treatment plan after details of the proposed treatment have been presented and comprehended by the patient.

❖ **Historical Background:**

- Narrow/restricted document
- Duty of provider
- Today:
 - Patient's rights
 - Decision making
 - Agreement on treatment



Informed Consent

❖ Purpose

- Open communication
- Treatment alternatives consideration
- Legal protection
- Patient consideration
 - Financial issues
 - Cultural issues
 - Moral issues
 - Religious issues



Informed Consent

❖ Informed Consent Types

➤ Expressed consent

- Orally
- Written

➤ Implied consent

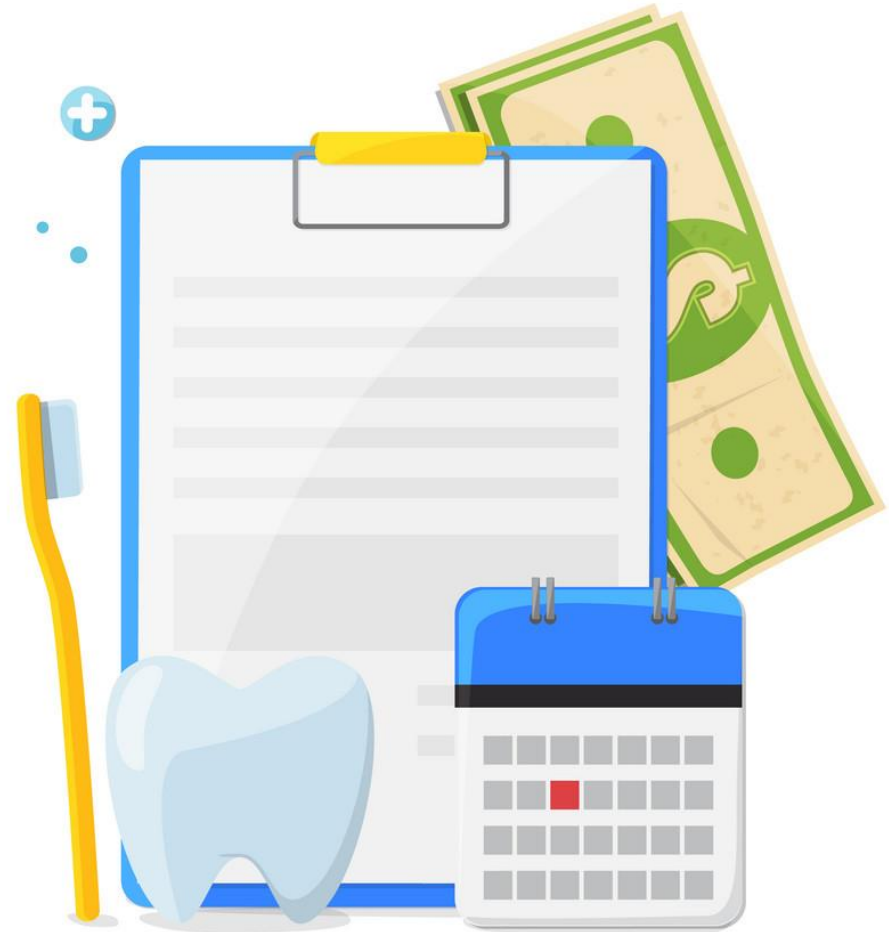
- Nonverbal and unwritten
- ✓ Patient in dental chair
- Data collection procedures
- Data analysis
- Treatment planning



Informed Consent

❖ Criteria

- Documented diagnosis
- Defined need for treatment
- Prognosis explained
- Alternative treatment options
- Advantages/Disadvantages clearly stated
- Side effects explained
- Costs
- Length of treatment discussed
- Treatment provider specified



Informed Consent Procedures

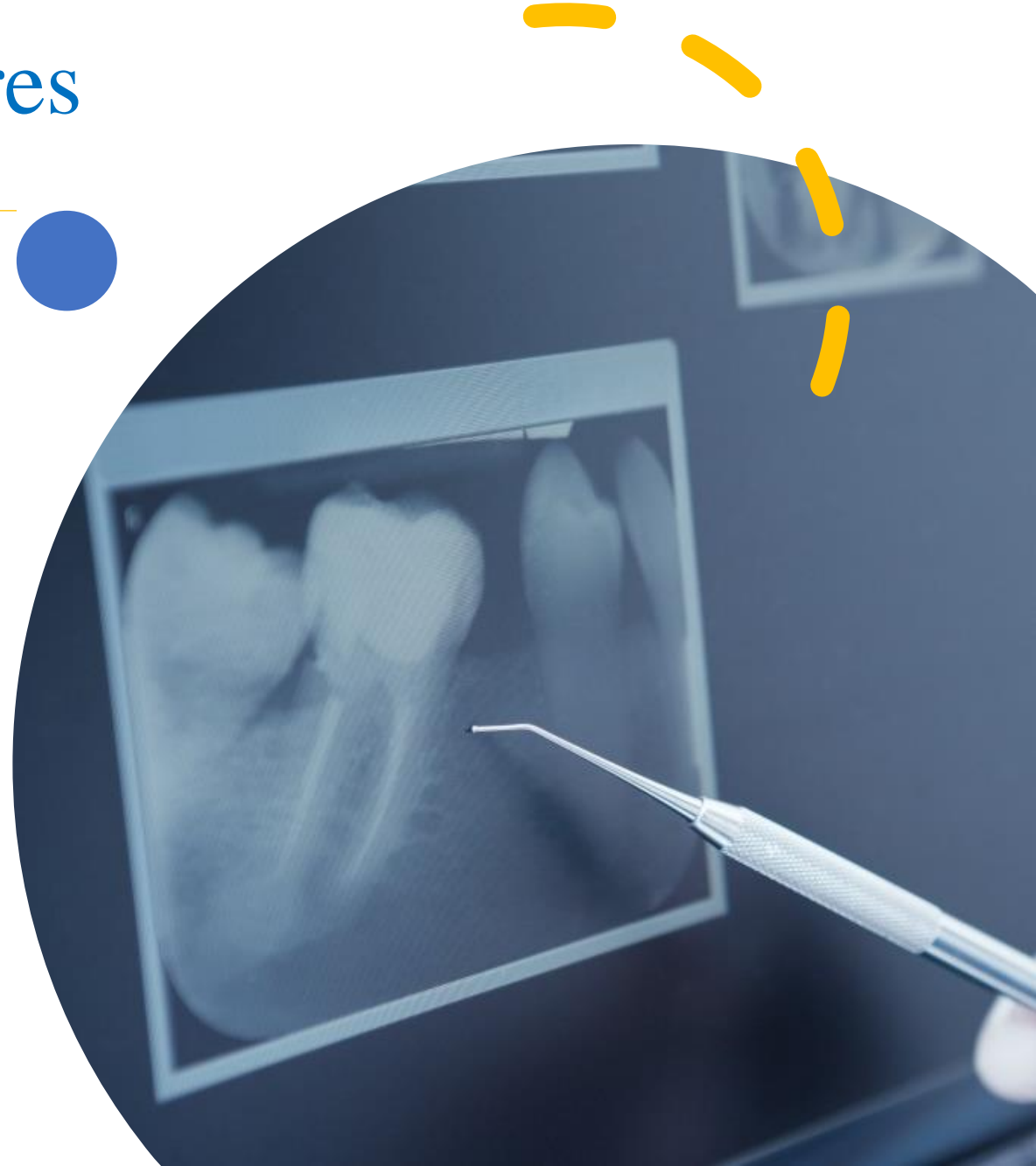
- All treatment options and consents
- Recommendations for referral
- Written consent
 - Potential risks
 - Complications
 - Treatment failure
- Copy for the patient



Informed Consent Procedures

❖ Information to Disclose

- Diagnosis
- Treatment nature and rationale
- Alternatives
- Consequences: physical effects, psychological effects, costs and potentially problems
- Expected outcomes: with treatment and alternative treatment and without treatment



Informed Consent Procedures

❖ Principles of informing

- Patient's ability
- Simple terminology
- Patient questions
- Patient's understanding
- Documentation



Informed Consent Procedures

❖ Informed Refusal

- Respect the Patient's decision
- Discuss treatment alternatives
- Obtain informed refusal

❖ Additional Considerations

- Cultural differences
 - Language skills
 - Health beliefs and values
- Patient's age
 - Legal guardian
- Disability- related cognitive impairment
- Learning style



SUMMARY

- A written dental hygiene care plan is an essential part of the integrated components of dental hygiene process of care.
- Well-written dental hygiene care plan should include all the recommended components.
- The plan should be personalized according to the individual's unique oral health needs, general health status, values, expectations, and abilities.
- The sequence of care for an individual patient is determined by numerous factors.
- Dental hygienist should demonstrate respect and compassion for individual patient choices and priorities.
- When formulating the plan, dental hygienists should be sensitive and responsive to the patient's culture, age, gender, language, and learning style.

References

1. American Dental Association. (n.d.). *Informed consent/refusal*. Retrieved March 11, 2021, from <https://success.ada.org/en/practice-management/guidelines-for-practice-success/managing-patients/informed-consent-refusal>
2. American Dental Hygienists' Association. (2016). Standards for clinical dental hygiene practice [PDF file]. Retrieved from <https://www.adha.org/resources-docs/2016-Revised-Standards-for-Clinical-Dental-Hygiene-Practice.pdf>
3. Canadian Dental Hygienists Association. (2002). Dental hygiene: Definition, scope, and practice standards [PDF file]. Retrieved from https://www.cdha.ca/%20pdfs/Profession/Resources/DefinitionScope_public.pdf
4. Shah, P., Thornton, I., Turrin, D., & Hipkind, J. E. (2020). Informed consent. <https://www.ncbi.nlm.nih.gov/books/NBK430827/>
5. Swigart, D. J., Gurenlian, J. R., & Rogo, E. J. (2020). Dental hygiene diagnosis: A qualitative descriptive study of dental hygienists. *Canadian Journal of Dental Hygiene*, 54(3), 113–123.
6. Tarp, H. C., Sanderson, T., Fore, M. E., & Nies, M. A. (2017). Informed consent and the limited english patient: A pilot project with dental hygiene students to assess student knowledge, perceptions, and attitudes. *Journal of Allied Health*, 46(4), 220–22
7. Wilkins, E., & Wyche, C. (2013). *Clinical practice of the dental hygienist (11th ed.)*. Philadelphia: Wolters Kluwer Health/Lippincott Williams & Wilkins.

Question

❖ **Case:** You have a patient who is a 25-year-old female who was present for discussion of the formal dental hygiene care plan related to periodontal therapy and quadrant scaling and root planning. Now that you are aware of the dental hygiene care plan parts, its components, how to present it, the factors affecting sequence of patient care and how to obtain informed consent; how will you present the care plan, and obtain informed consent for dental hygiene care?

- 1) How will you prepare a dental hygiene care plan that addresses the patient's needs?
- 2) How will you explain the dental hygiene care plan to the patient?
- 3) Before informed consent, is obtained, what information should you disclose to the patient?
- 4) What should you do if the patient refuses the treatment options?

Treatment plan



Actual plan





THANK YOU

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