



جامعة عجمان
AJMAN UNIVERSITY

A HEALTHY PLANET, A HEALTHY YOU

The Connection Between Sustainability and Healthcare

Awareness session by Maya Haddad, Sustainability Manager



WHAT WE WILL TALK ABOUT

Introduction

Session Objectives

SDGs Related to Health

Environmental Impact of Healthcare

Importance of Sustainability in Healthcare

Strategies for Sustainable Dentistry

Discussion Board



INTRODUCTION

UN Sustainable Development Goals

- 17 interconnected goals designed to create a better future for all
- Adopted by world leaders in 2015
- Address global challenges like poverty, hunger, inequality, climate change, and health.
- The goals are intended to be achieved by 2030 through collaborative efforts between governments, businesses, and civil society.

SUSTAINABLE DEVELOPMENT GOALS



SESSION OBJECTIVES

To map the sustainable development goals to health and healthcare and explore the impact of healthcare on sustainability's triple pillars: environmental, social and governance.

To examine the environmental impact of the healthcare industry and how sustainable practices can improve the quality of care while protecting our planet.

To explore how a healthy environment contributes to a healthier population.



SDGS RELATED TO HEALTH

- **Goal 3: Good Health and Well-being** focuses on ensuring healthy lives and promoting well-being for all at all ages.
- **13 targets**
- Good health is essential for individuals, families, communities, and nations. It allows people to reach their full potential, contribute productively to society, and enjoy a high quality of life.



SDGS RELATED TO HEALTH

GOAL 1: NO POVERTY

Poverty is a major barrier to accessing healthcare

GOAL 2: ZERO HUNGER

Proper nutrition is essential for good health

GOAL 6: CLEAN WATER AND SANITATION

Safe water and sanitation are essential for preventing a variety of diseases

GOAL 7: AFFORDABLE AND CLEAN ENERGY

Clean energy reduces air pollution, which improves respiratory health



ENVIRONMENTAL IMPACT OF HEALTHCARE

The healthcare industry has a significant environmental footprint

ENERGY CONSUMPTION:

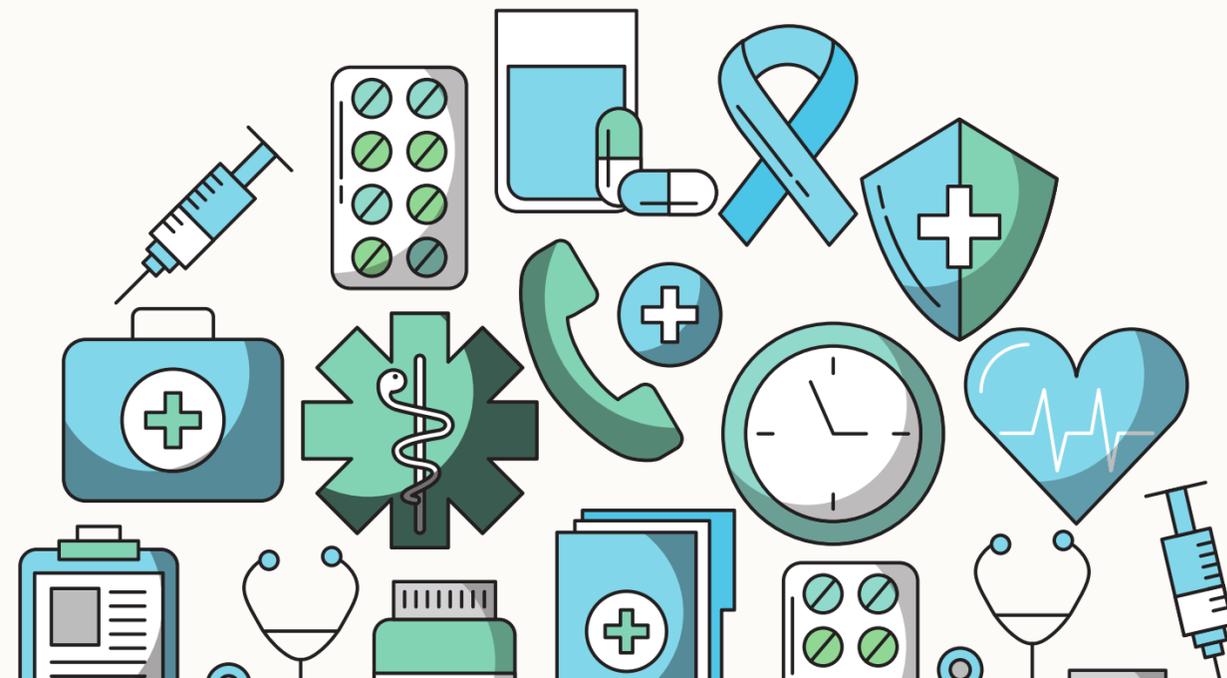
Hospitals/ Clinics are energy-intensive, consuming large amounts of electricity for lighting, heating, cooling, and medical equipment

WASTE GENERATION:

Healthcare facilities produce a vast amount of waste, including medical waste, pharmaceuticals, and packaging

WATER USAGE:

Hospitals/ Clinics use a significant amount of water for various purposes, including sanitation, sterilization, and patient care



IMPORTANCE OF SUSTAINABILITY IN HEALTHCARE

Sustainable practices in healthcare benefit both the environment and patient care

ENVIRONMENTAL BENEFITS:

Reduces Ecological Footprint:

Dental practices contribute to environmental degradation through energy consumption, waste generation, and water usage. Sustainable practices like energy efficiency, waste reduction, and water conservation lessen this impact.

Combats Climate Change:

By reducing reliance on fossil fuels and conserving resources, sustainable dentistry helps mitigate climate change, a significant threat to global health.

Protects Natural Resources:

Sustainable practices help conserve precious natural resources like water and raw materials used in dental products.



IMPORTANCE OF SUSTAINABILITY IN HEALTHCARE

Sustainable practices in healthcare benefit both the environment and patient care

IMPROVED PATIENT CARE:

Healthier Environment:

Sustainable practices can create a healthier environment for patients. This could involve using eco-friendly cleaning products, improving air quality, and minimizing exposure to harmful chemicals.

Focus on Preventative Care:

Sustainability often emphasizes preventative care, encouraging good oral hygiene habits and healthy lifestyle choices. This can reduce the need for future procedures and materials.

Patient Education:

Sustainable dental practices can incorporate patient education on the connection between oral health and environmental health. This empowers patients to make informed choices that benefit themselves and the planet.



IMPORTANCE OF SUSTAINABILITY IN HEALTHCARE

BENEFITS FOR THE DENTAL TEAM:

Improved Workplace Well-being:

A sustainable dental practice often translates to a healthier work environment for the dental team. This could involve improved air quality, reduced exposure to hazardous materials, and a focus on ergonomic practices.

Cost Savings:

Sustainable practices can lead to cost savings through reduced energy and water consumption, as well as minimizing waste disposal fees.

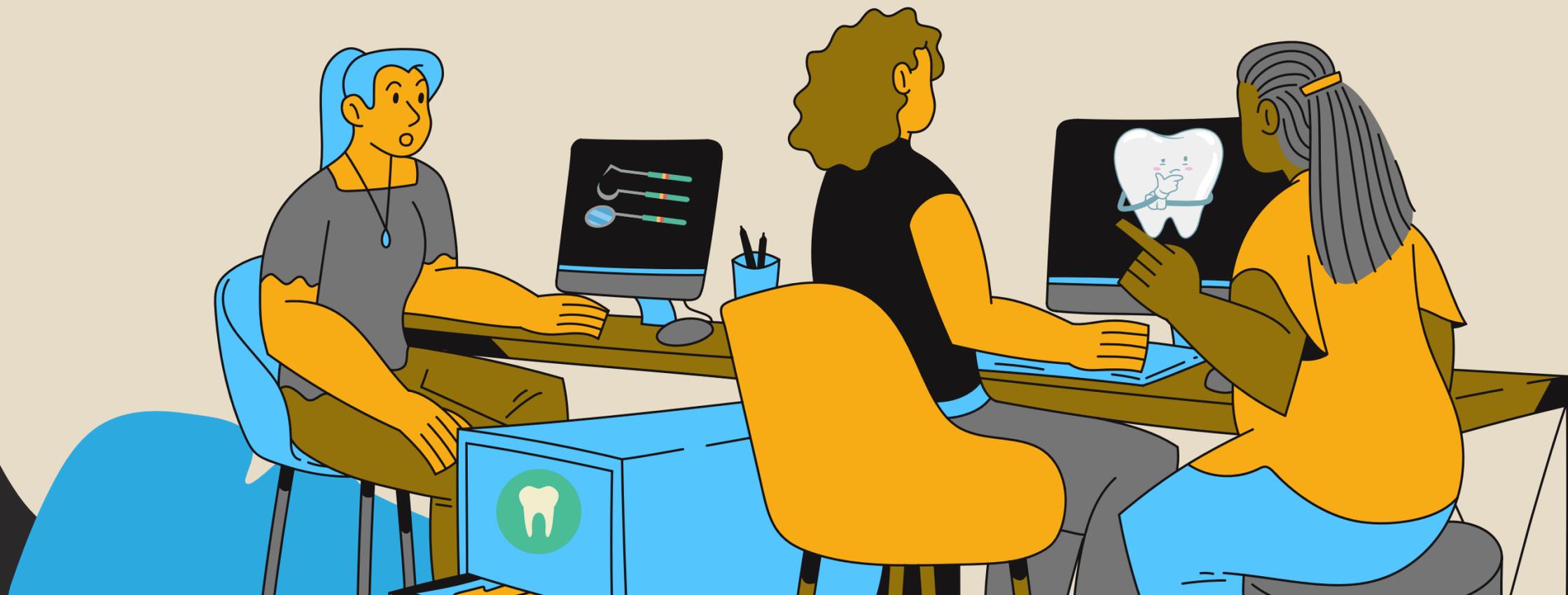
Enhanced Professional Satisfaction:

Being part of a sustainable practice can contribute to a sense of purpose and professional satisfaction for dentists and dental staff who are environmentally conscious.



STRATEGIES FOR SUSTAINABLE DENTISTRY

- **Energy efficiency:** Invest in energy-saving technologies like LED lighting and efficient equipment.
- **Waste reduction:** Implement strategies to minimize waste, including using reusable instruments, proper recycling, and amalgam waste separation.
- **Sustainable procurement:** Purchase eco-friendly products whenever possible, such as recyclable or biodegradable materials.



STRATEGIES FOR SUSTAINABLE DENTISTRY

- **Water conservation:** Install low-flow faucets and implement water-saving practices during procedures.
- **Digital solutions:** Utilize digital radiographs and patient records to reduce paper usage.
- **Patient education:** Encourage patients to embrace sustainable practices at home, like proper oral hygiene and reusable toothbrushes.



Q & A



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Assessment of Sustainability Knowledge (ASK)



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Survey & Certificate: Sustainability in Healthcare



THANK YOU FOR LISTENING!

If you have any questions, feel free to reach out to us through any of the following:

WEBSITE

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