



Dental equipment

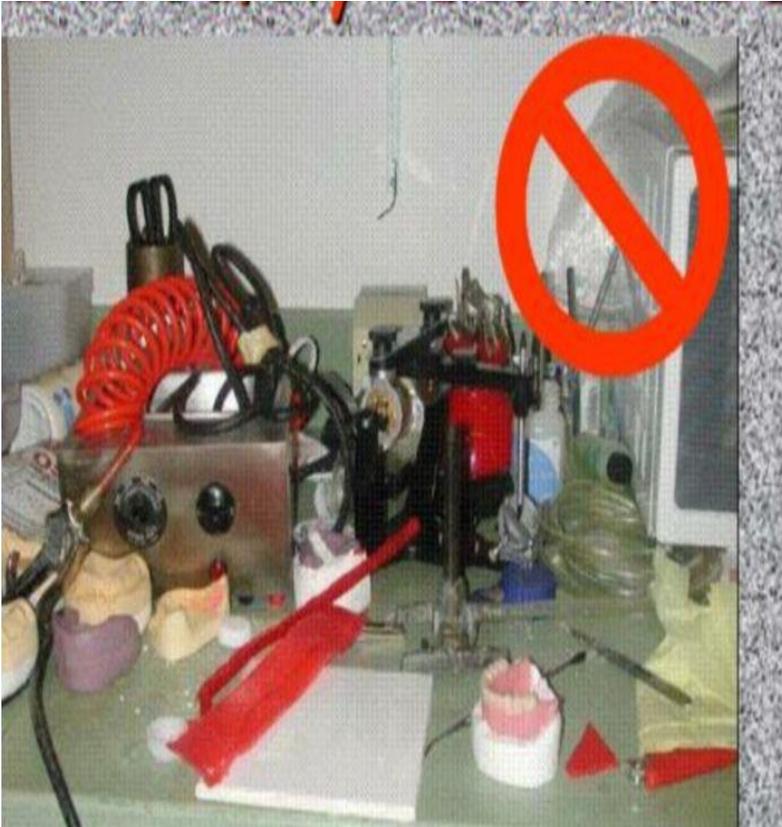
dental laboratory Lecture (1)

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DENTAL LABORATORY RULES AND SAFETY GUIDELINES



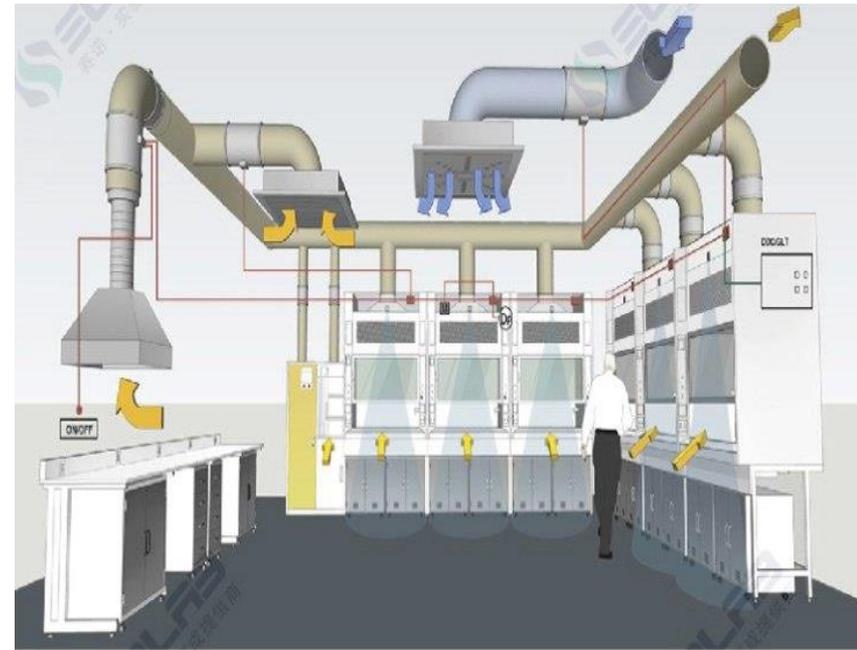
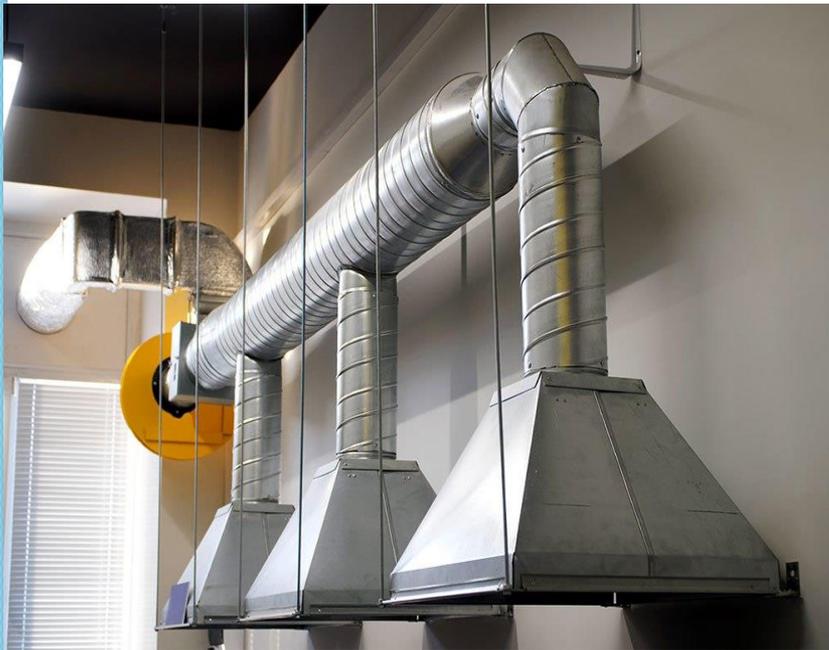
Rule 1 :The dental laboratory should be kept clean and orderly .



Rule 2: Good lighting of dental lab



Rule 3: The dental laboratory should be has good ventilation .



Rule 4: Fire safety .



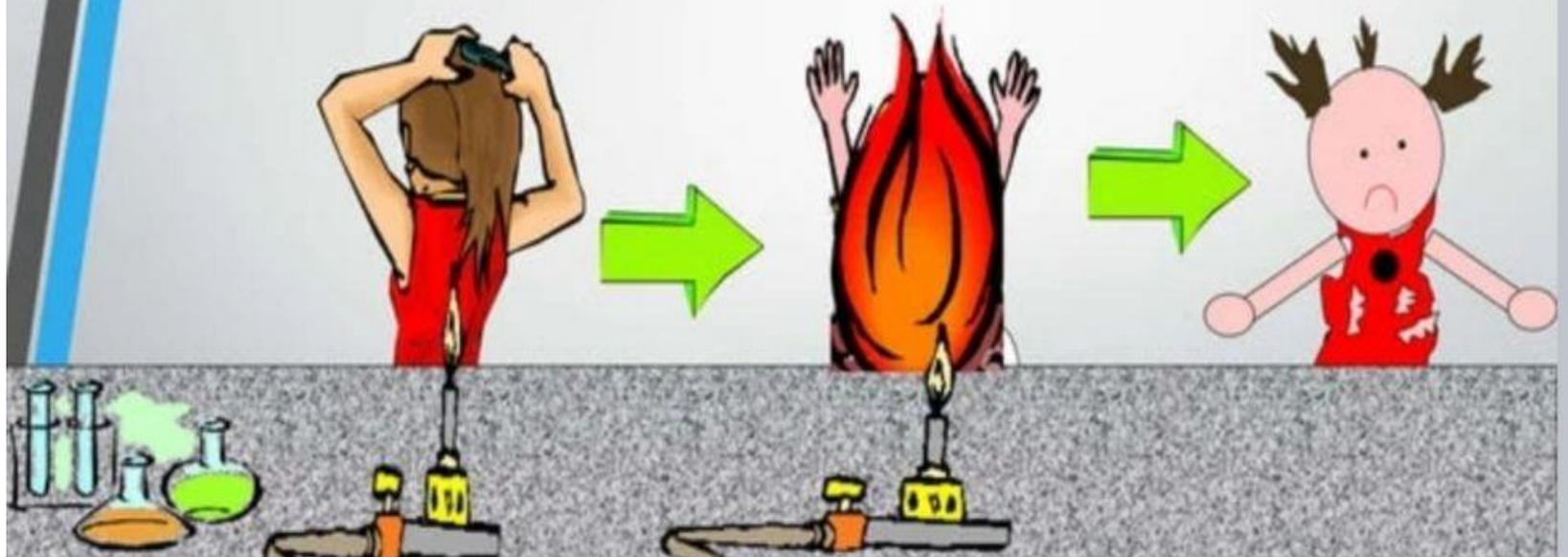
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Rule 5: Never work with loose hair and jewelry

TIE BACK LONG HAIR

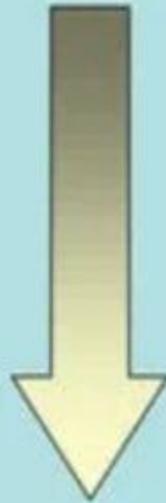
Tie back long hair and loose clothing when working near an open flame : Roll up long sleeves



**Rule 6: Don't eat and
drink in laboratory .**



Personal protective barriers



Lab Coats, Adequate Footwear
Glasses, Gloves, &
Mask



Dental laboratory :- is the art and science and technology of designing and manufacturing corrective devices for replacement of natural teeth .



Types of Dental Laboratories:

1. General Dental Laboratories:

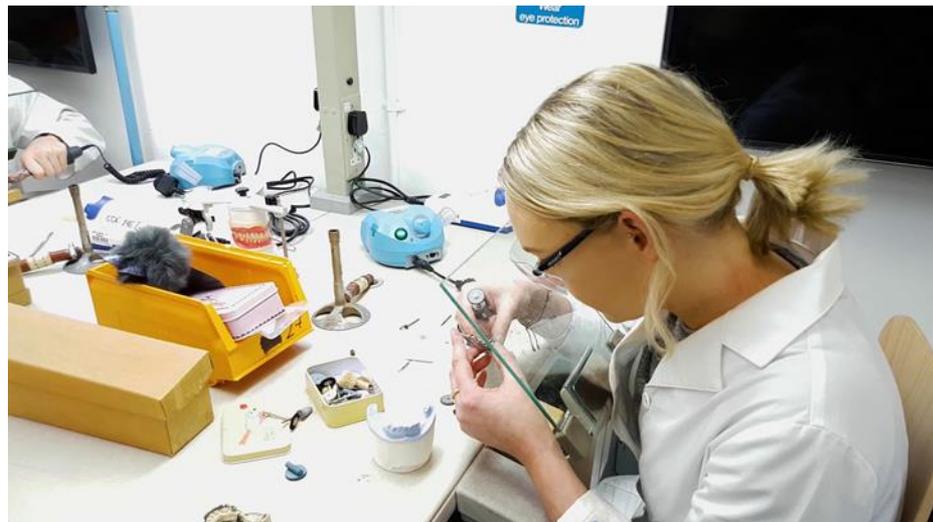
They make all wanted prostheses in dentistry ex: complete denture, partial denture, oral structure missing, orthodontic and other missed structures in the face.



2. Specialized Dental Laboratories: -They make only one type of work in fields of dentistry ex: ceramic bridge or acrylic prostheses.



3. Private Dental Laboratories: (small laboratories) attached to a dental clinic



The Work in Dental Laboratories: -

- One step specialization: ex: making base plates, occlusal rim, pouring gypsum casts, or setting of artificial teeth.





One-line specialization: Make a complete product line.

General work: small laboratories and sometimes private dental laboratories have general work, they make all types of work that are wanted.

Advantages & Disadvantages of the Work in Dental Laboratories:

1. In the case of specialists, who work one step they forget other steps.
2. In the case of working one step, a high degree of accuracy will be found.
3. The benefit is more in the case of general work.
4. The income case of specialist laboratories is more than the income case of working all step laboratories (general laboratories).

The principle of ideal laboratories: -

- 1) The money.
- 2) The plans.
- 3) Manpower.

Points that are considered in the planning of penetration of the market:

- 1- Planed area of the lab.
- 2- Location of the lab.
- 3-The amount of production.
- 4- number of technicians & workers.
- 5-Future expansion.

THANK

you