

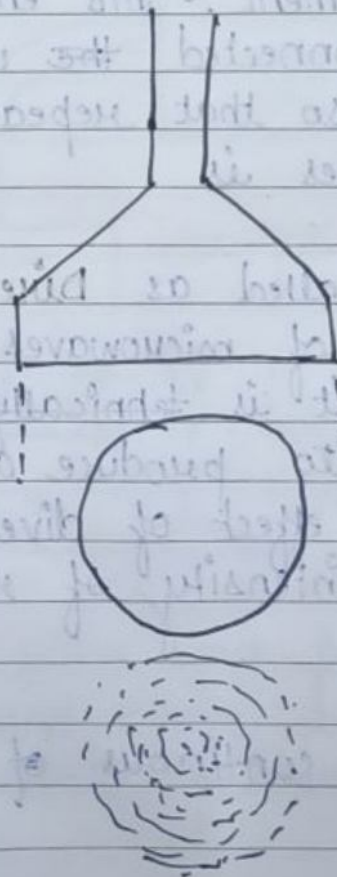
## Methods of Application of MWD.

Therapeutically MWD can be applied 2 ways:

- 1) Radiating Emitter
- 2) Direct contact Emitter.

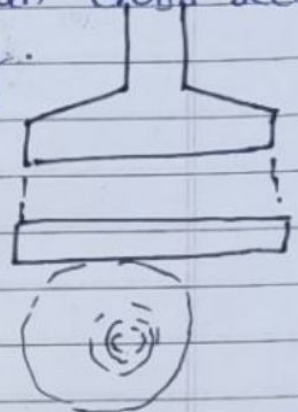
1) Radiating Emitter: Various type of emitter are available commonly used emitter are placed at a distance from the body and the waves pass through the air to reach the tissues. 2 types of emitter are generally used.

a) Circular Shaped: It gives beam of rays which are circular in cross section and is more dense at periphery than in center.



Rectangular Shaped :- It gives beam of rays which are more dense in the centre than in the periphery.

It provides a beam which is oval in cross-section and is of greater density centrally.



Direct contact Emitter :- These are in direct contact with the surface of body part it has deeper effects than radiating.

- The distance between the emitter and the skin determine both the area treated and the intensity because of the diverging beam. Thus, if a small area is to be treated, the ammeter to be placed close to the skin that is 2-5 cm and the appropriate heating regulated with the intensity control on the machine.
- If a larger area to be treated the spacing can be increased to 10-15 cm and intensity is increased to give sufficient heating.
- Distance of about 10 cm are commonly utilised for most treatment.