



**ANKARA UNIVERSITY FACULTY OF VETERINARY  
MEDICINE DEPARTMENT OF ANATOMY**



# Corrosion Cast Techniques

**Assoc.Prof. Okan EKİM**

# Corrosion Cast Technique

- A modified technique that aims to fulfill the hollow organs and canals in the body with a petrifying chemical and then dissolution of all tissues of body in a very strong alkali solution except this concrete chemical.
- Therefore, this solidified chemical took the exact shape of organs and canals and can be demonstrated as a natural outlook.
- Although all the organic structures are dissolved in the alkali solution, this concrete material actually will indicate the shape and form of the canals and organs.
- Various chemicals can be used. Methyl metacrylate, duracryl or etc.
- Takilon, Mercox, Technovit, Trylon, Batson's plastic no. 17 for dentistry.



# Corrosion Cast Technique

- Corrosion cast solution can be colored with the ink.
- Application protocol of the chemical is totally same with the latex injection.
- When the injection is completed, the incision should be closed.
- The cadaver is kept in warm water for 24 hours. Therefore, the chemical will completely be petrified.
- Then the cadaver is submerged into a very strong basic substance for 1-2 hours. Preferably potassium hydroxide.





THANK YOU 😊

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