

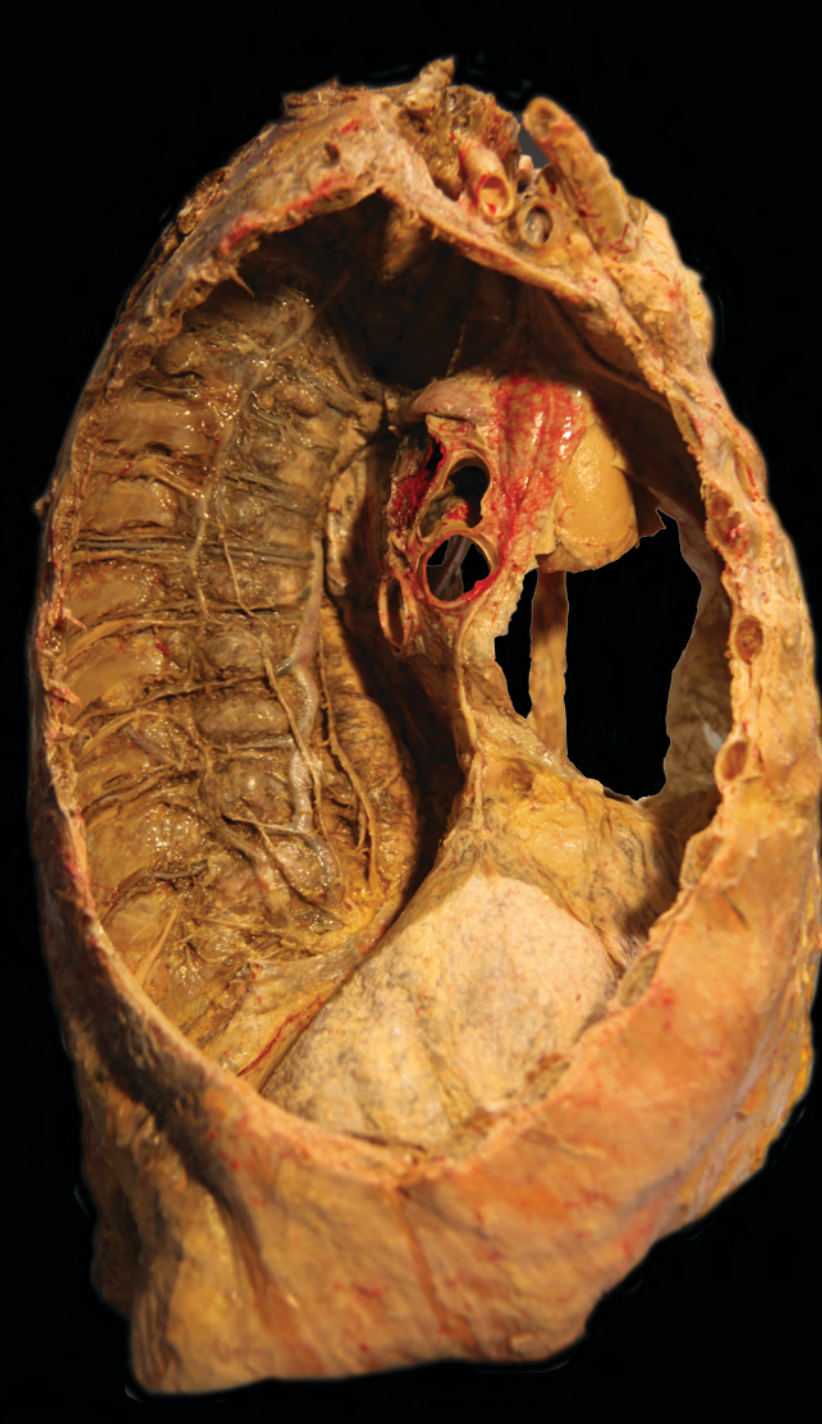
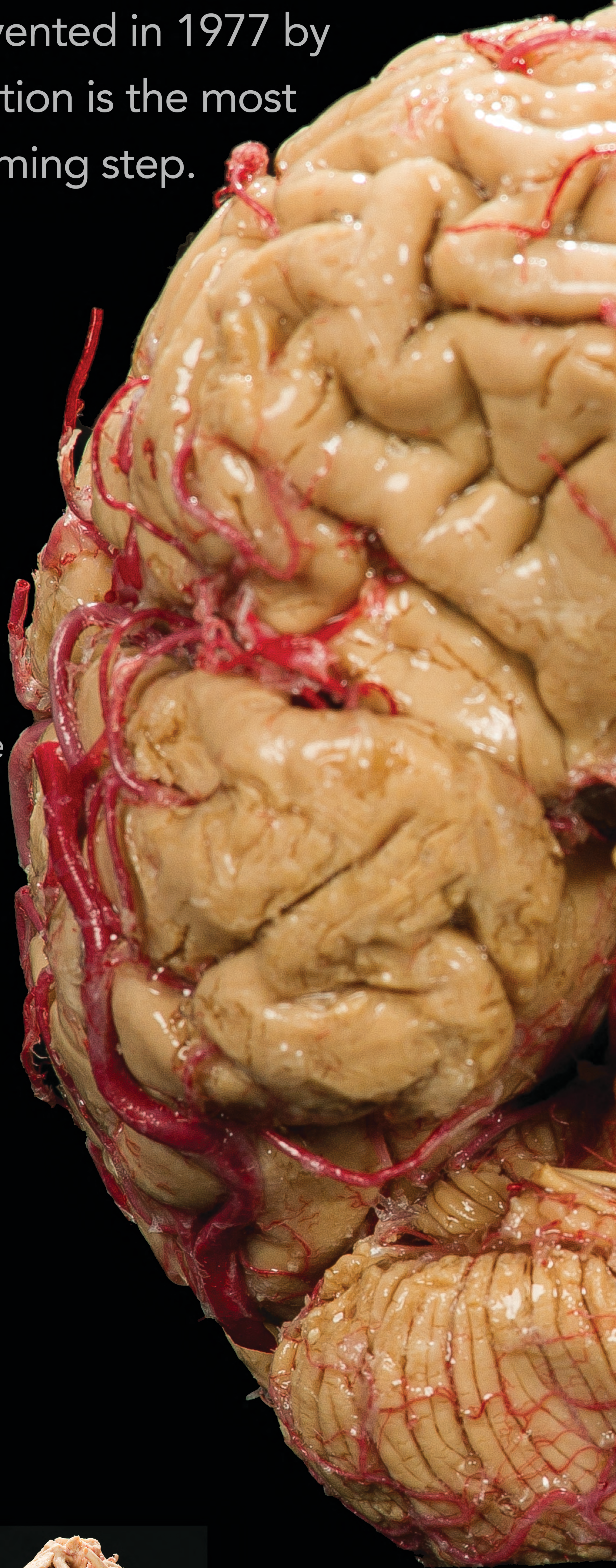
# PLASTINATION

## the process

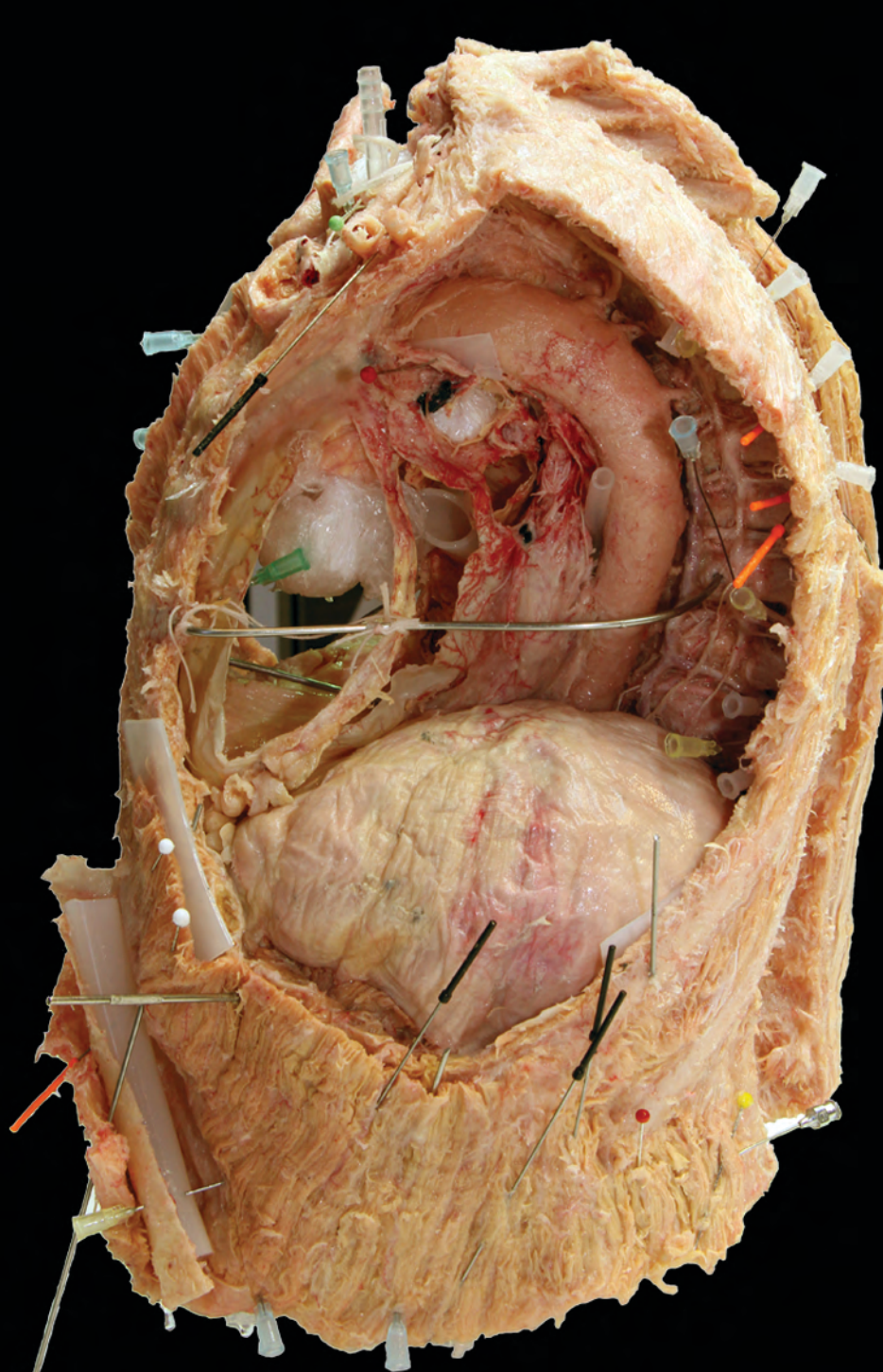
The plastination process was invented in 1977 by Dr. Gunther von Hagens. Dissection is the most important and most time consuming step.

### STEPS

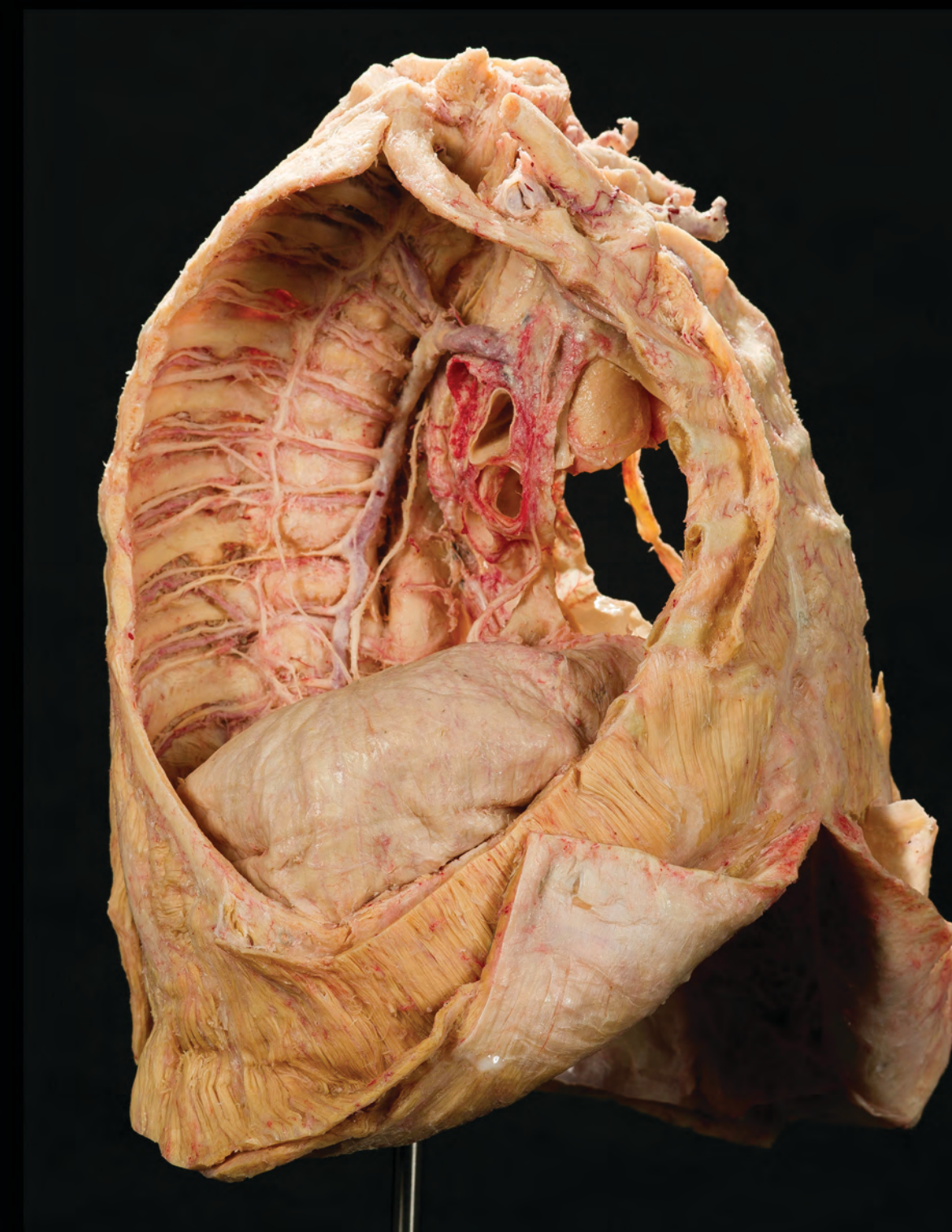
- Embalming to prevent decay
- Dissection to display structures
- Fluid and fat removal by acetone
- Forced impregnation with resin under vacuum at low temperature
- Positioning to display structures in anatomically correct position
- Curing to harden



Stages of dissection



Positioned specimen



Plastinated specimen



Dr. Chandra dissecting a heart.

### ADVANTAGES

- Anatomically precise
- Safe, clean, dry and odorless
- Easy to handle, preserve and transport
- No risk of exposure to toxic substances
- Exceptionally durable and preservable