

The Science and Art of Orthopaedics

University of Otago Staff Group

17 February 2023

John Matheson





A. Hamblot del.

Guillard Sculp.

L'ORTHOPÉDIE OU L'ART

DE PREVENIR ET DE CORRIGER
DANS LES ENFANS,
LES DIFFORMITÉS DU CORPS.

LE TOUT PAR DES MOYENS A LA PORTE'E
des Peres & des Meres, & de toutes les
Personnes qui ont des Enfans à élever.

PAR M. ANDRY, CONSEILLER DU ROY,
Lecteur & Professeur en Médecine au Collège Royal,
Docteur-Régent, & ancien Doyen de la Faculté de
Médecine de Paris, &c.

Avec Figures.

TOME PREMIER.

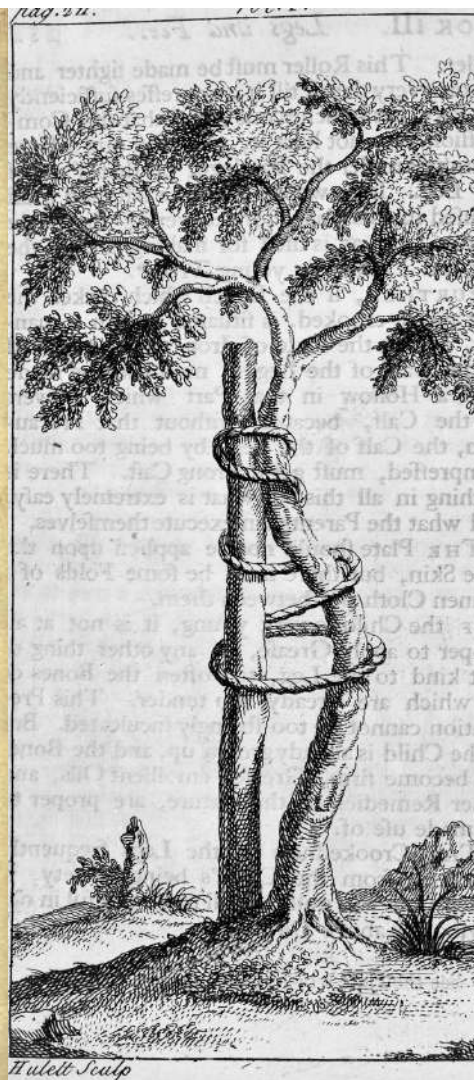


A PARIS, RUE SAINT JACQUES.

Chez { La Veuve ALIX, au-dessus de la rue des
Noyers, au Griffon.
LAMBERT & DURAND, à la Sageffe,
& à Saint Landry.

M. DCC. XLI.

AVEC APPROBATIONS ET PRIVILEGE DU ROY



H. Willeit Sculp



NZOA

New Zealand
Orthopaedic Association

The Living Orthopaedic tree

Montri Wongworawat MD



Metal sculpture depicting
SCOLIOSIS – Curvature of the Spine

Gary Brazina MD

Metals like patients respond
differently to heat and treatment





“Vinyl Skin” Jessie Grskovick
Scoliosis brace



“Butterfly”
Celeste Collier

Transformation
After spinal
fusion surgery



Mixed media

Andrea
Hart

Represents
Scoliosis

Paper on
Frame

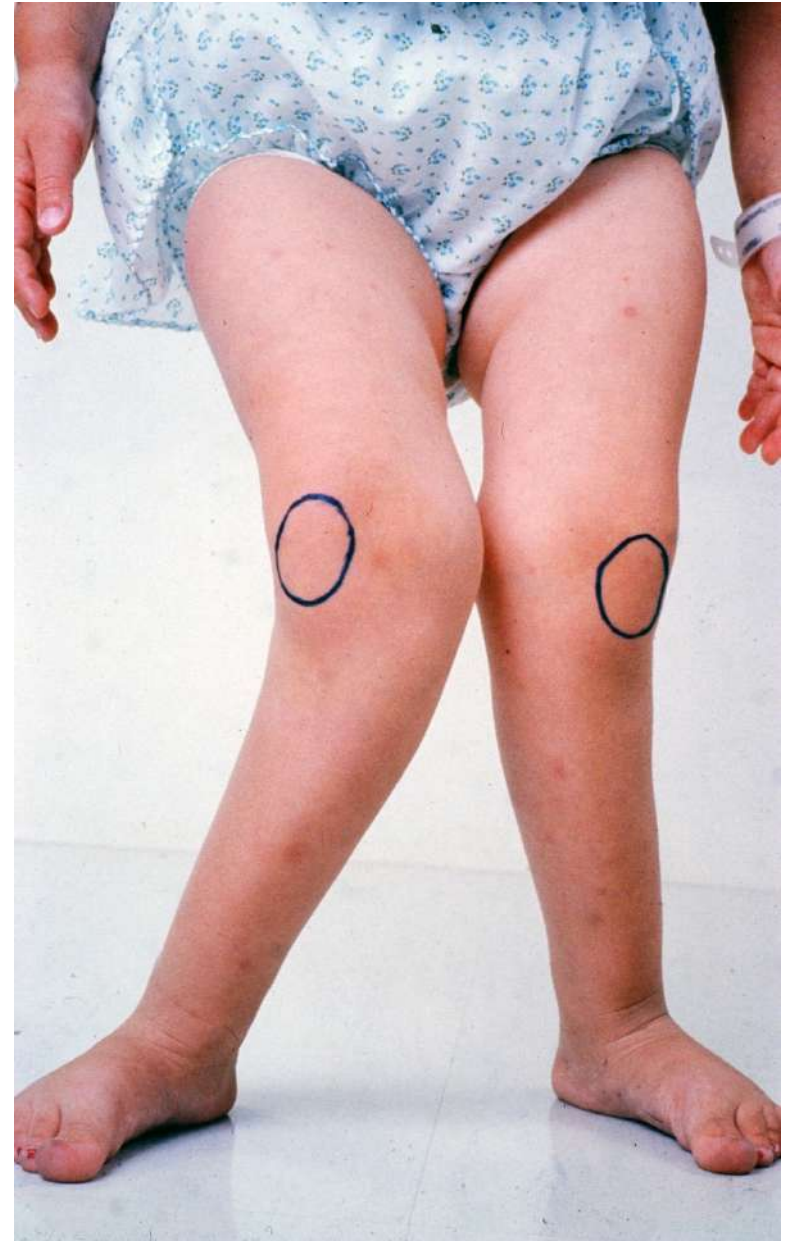


Degeneration

Siobhan
Egan

Photography

Depicting discs
as doughnuts
with jelly
centres





Knee Osteoarthritis



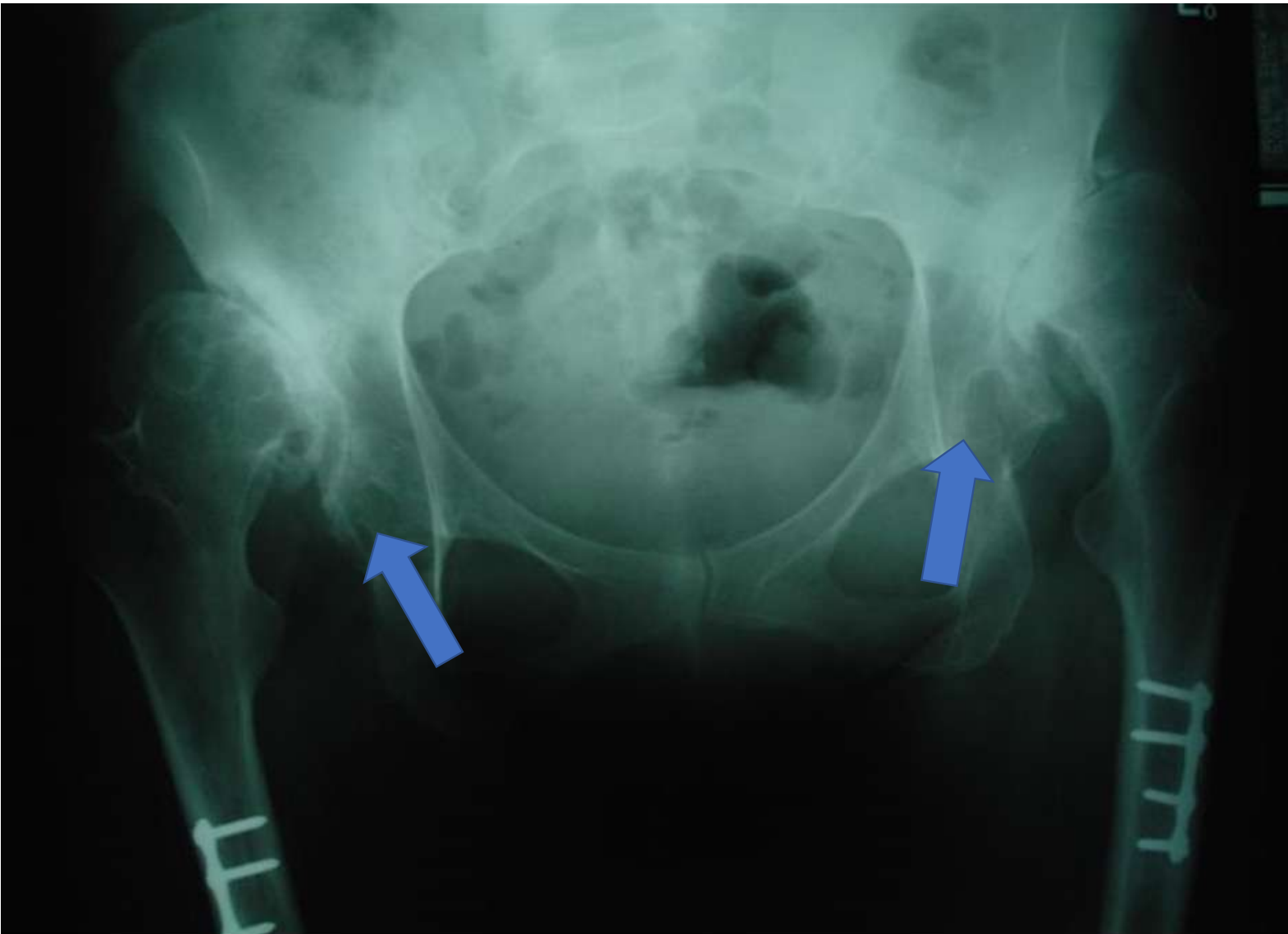
“Opposing Forces”
Patricia Cairns



“30 years and 8 Knee
surgeries” Elaine Cimino



“Best Services”
Simone Clemhout



Congenital
Hip
Dislocation

The hips
have never
developed
normally
resulting in
degenerative
osteoarthritis

First Stage

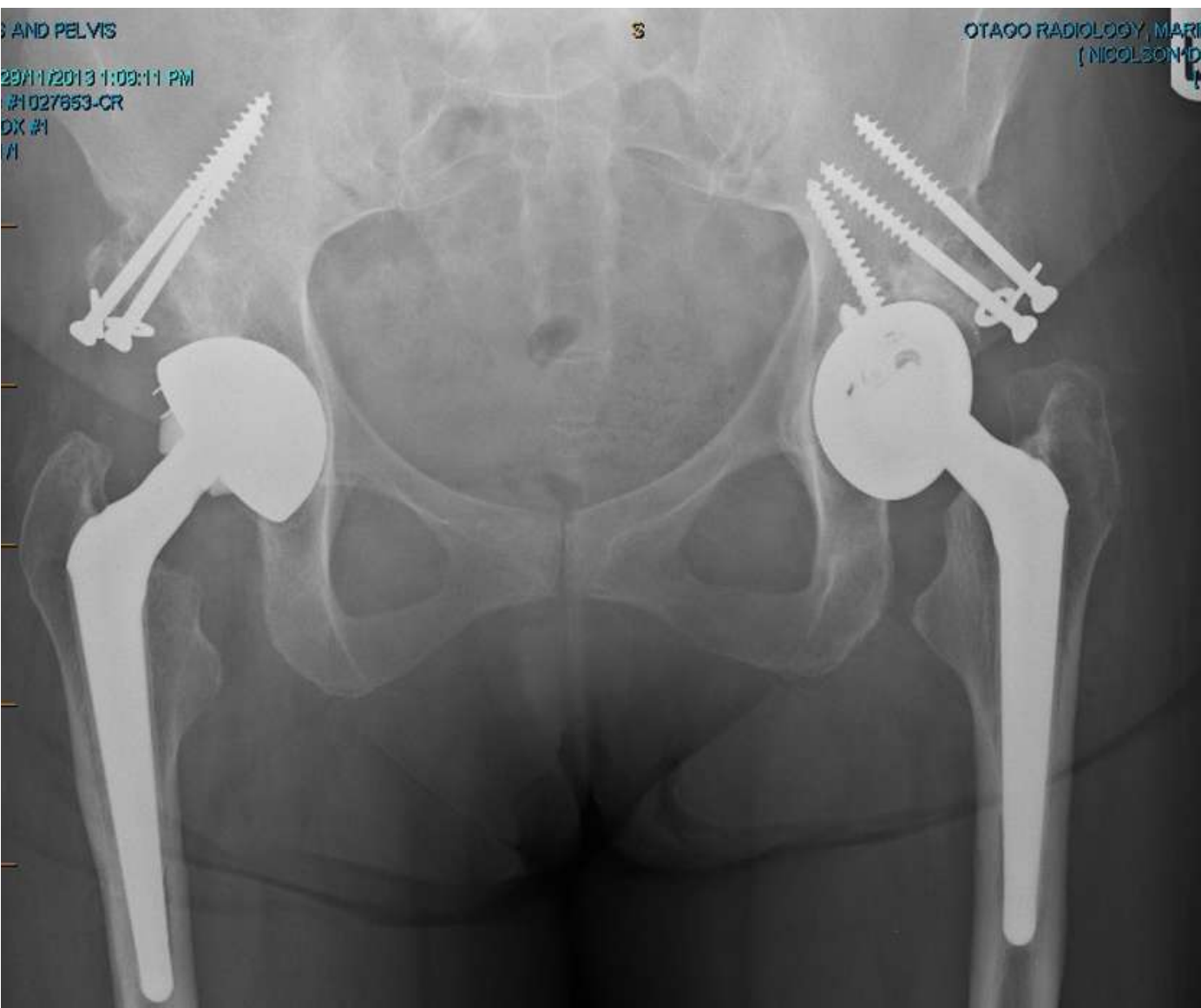
Right Hip
Reconstruction



Second stage

Left Hip
Reconstruction



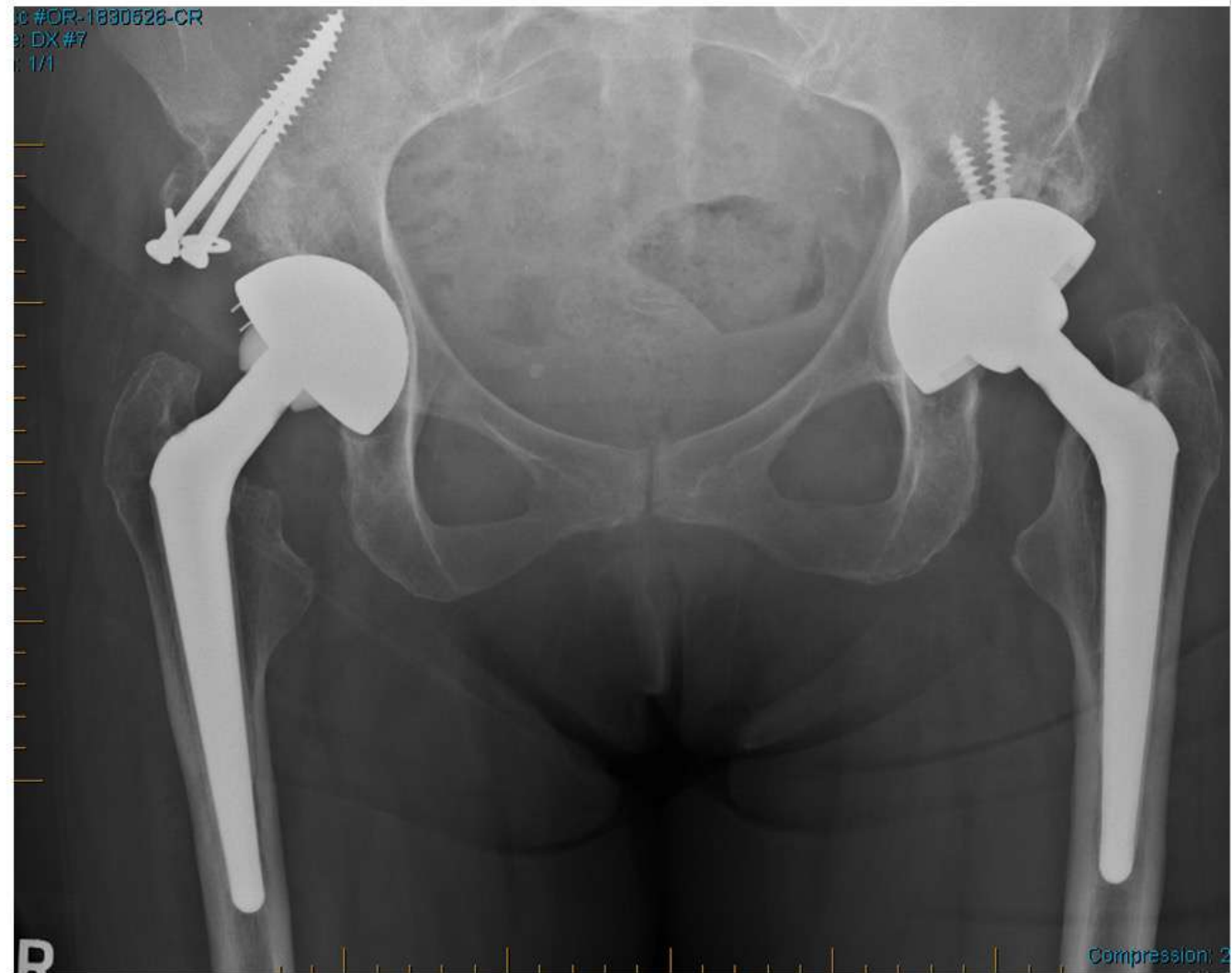


After 21 years

Failed Left socket

Revised with another

After 27 years





“Final position”

Michael Absatz MD
Acrylic on canvas

An aesthetic portrayal
of THR combining the
softness of anatomy with
the hard-edge coldness of
Technology”



Before Surgery



After Surgery



“The Blues”

Susan Fraerman

Depicting a modified shoe last to accommodate a bunion deformity with a stiletto of woven glass beads lying on its side as it will never be worn



“Foot’s Dream”

Xuan My Ho

A mosaic inspired by
Antoni Gaudi of recurring
dreams of being able to
walk barefoot on the
beach after foot surgery

Leg Amputation

- Trauma
- Tumour
- Congenital



Prostheses



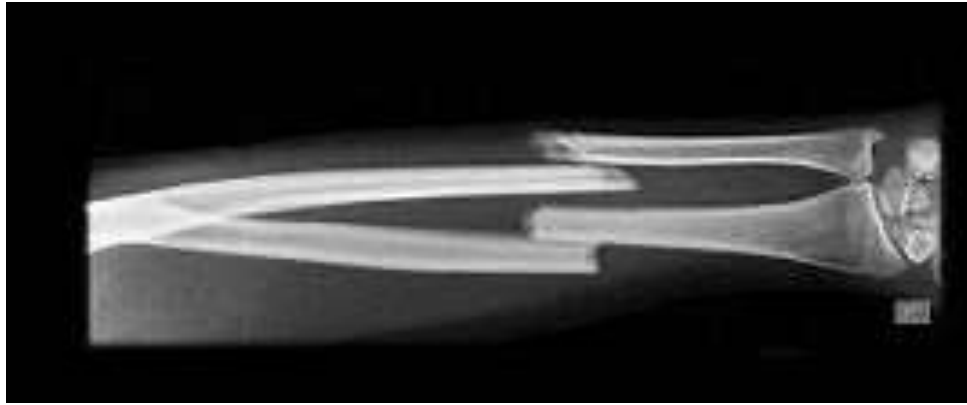
“Sensuality and Disability”

Ronald and Jill Parisi

“Bloom”

Ario
Mashayekhi



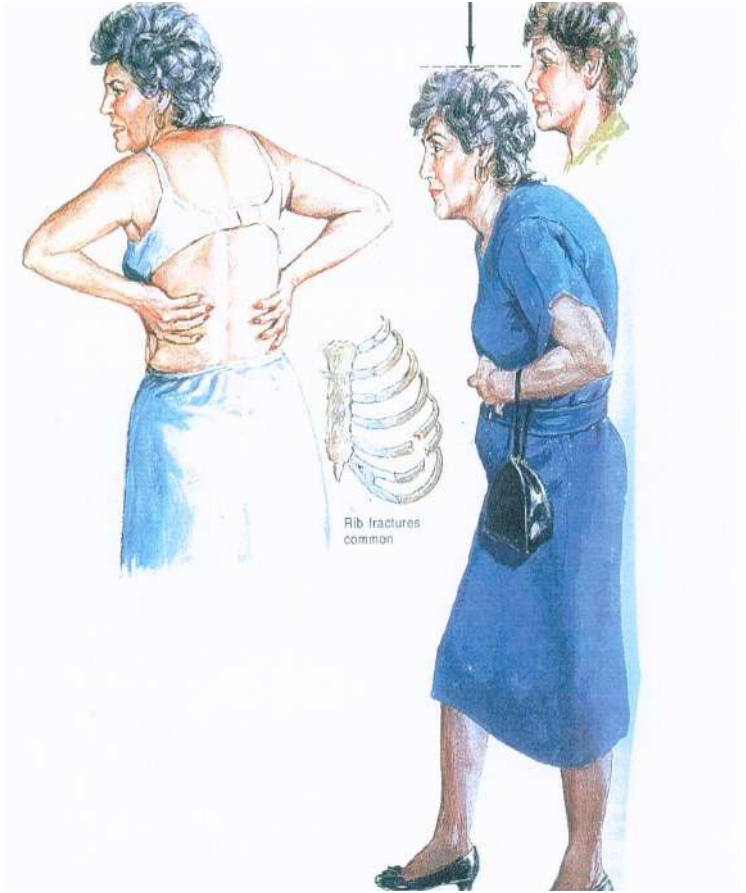
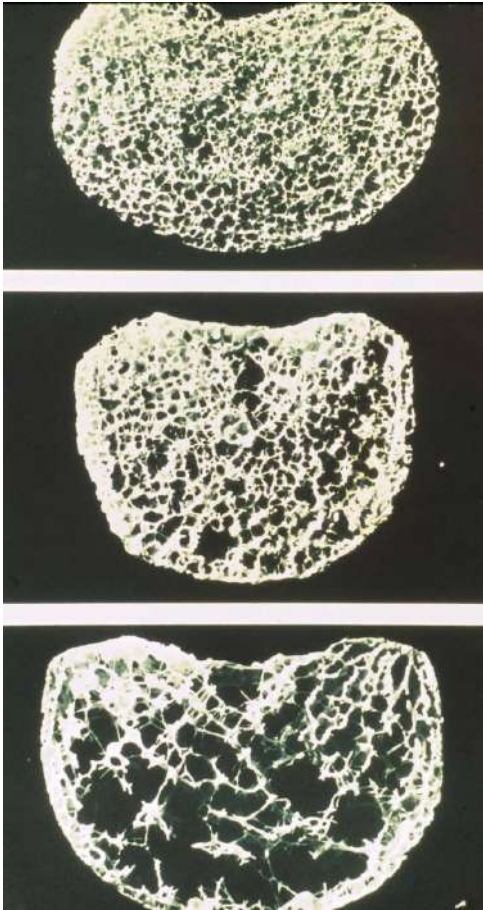
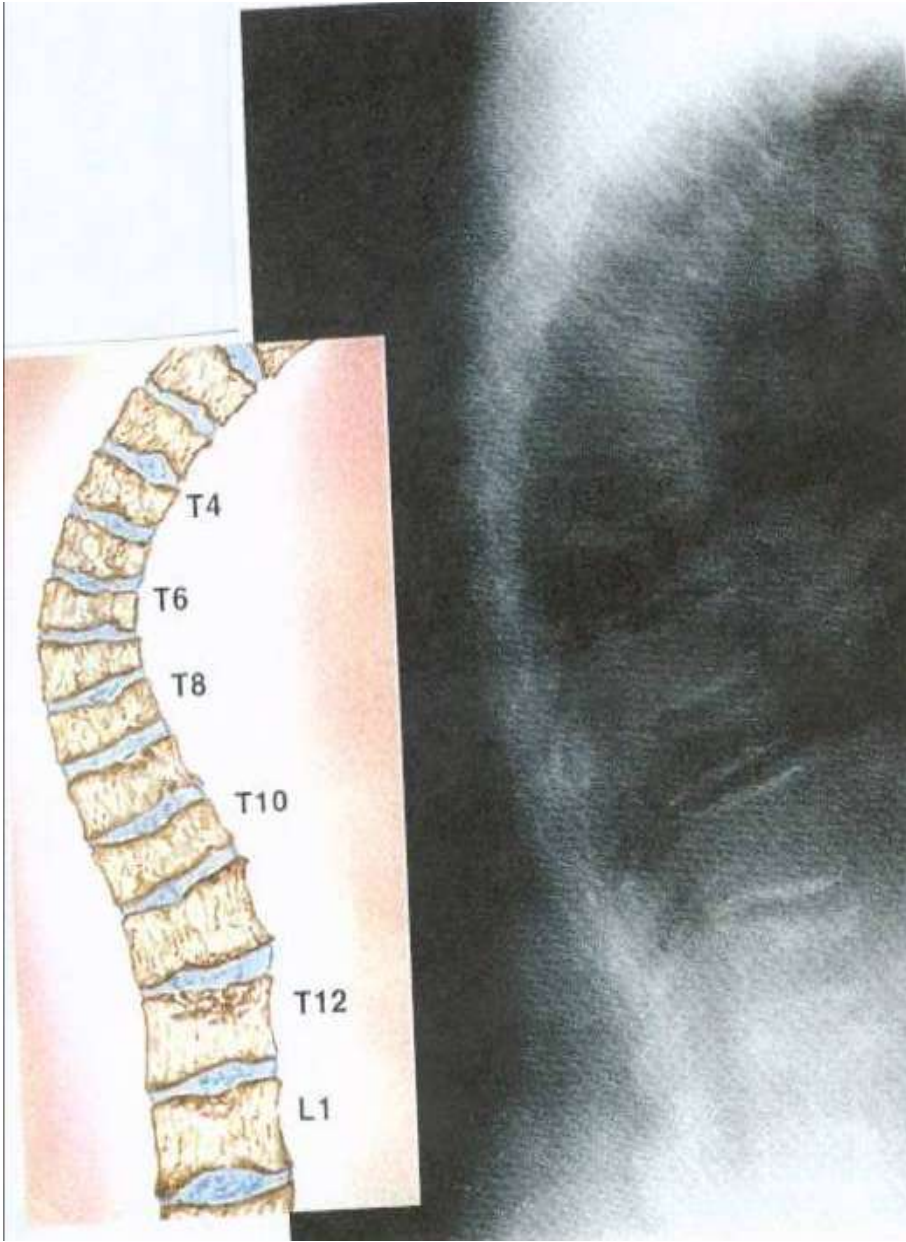


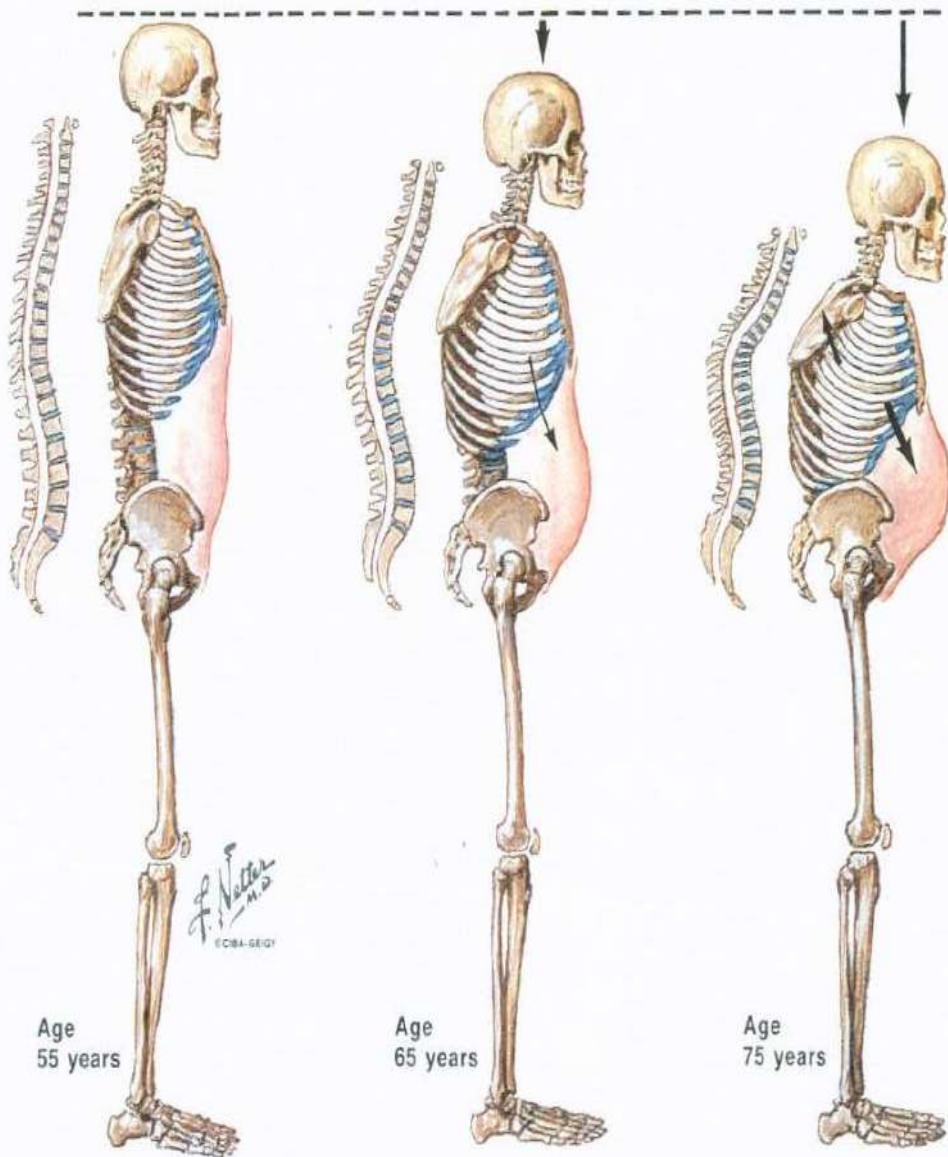
“Waiting to Fly Again” Sandra Dunn



Osteoporosis

- Ethnicity
- Genetics
- Gender
- Calcium deficiency
- Inactivity
- Steroids
- Smoking
- Alcohol
- Oestrogen deficiency





“United We Stand”

Anita Horton

The plaster shapes and zips represent the spine and a commitment to support each other





“Imperfect Bone Origin”

Jon Wos

Glass and Ceramic self portrait depicting all 206 bones and gold and deformity in every fracture the artist had in his condition of “Brittle Bone Disease” (Osteogenesis Imperfecta).

A tribute to human ability to create and overcome.



Knee Osteoarthritis

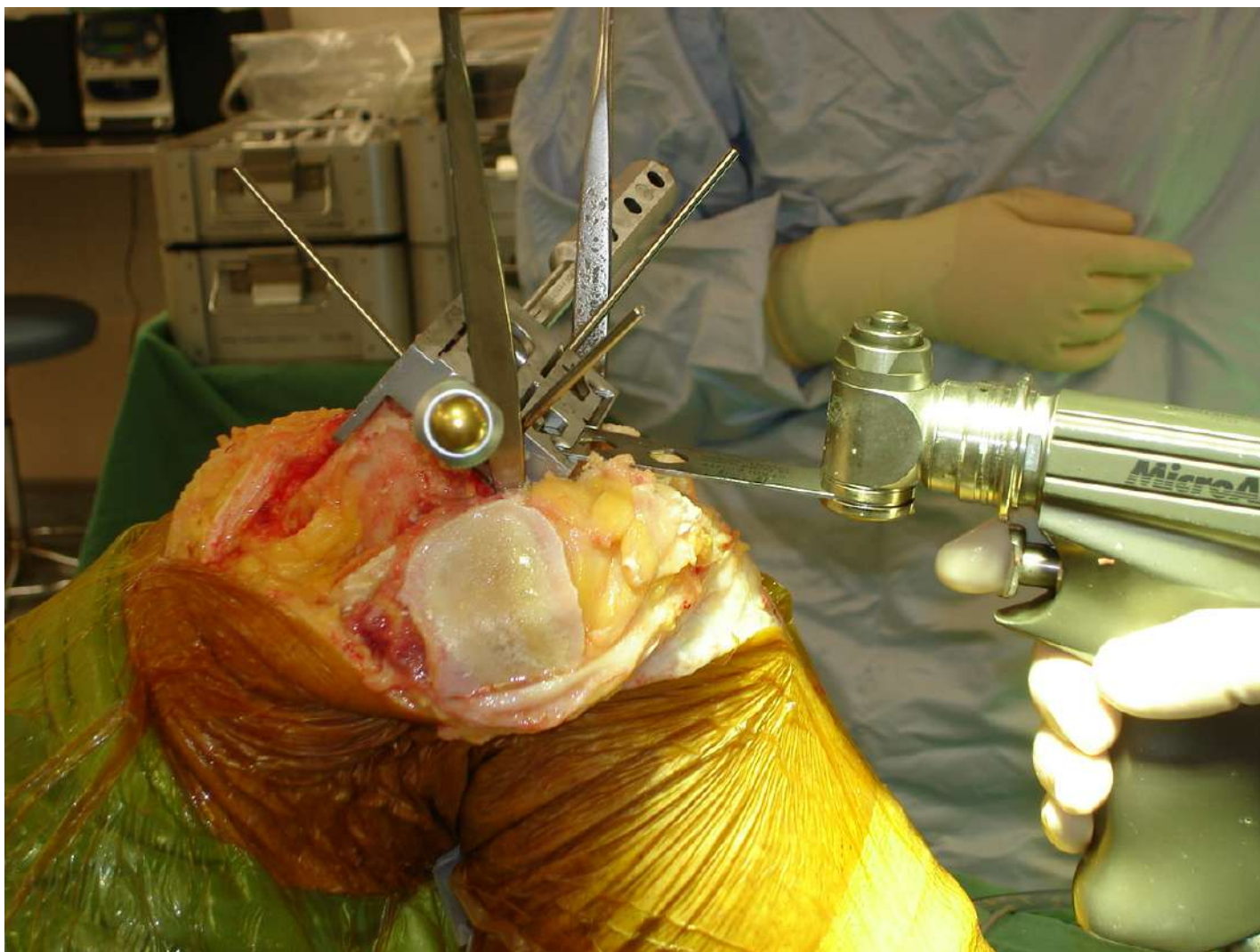


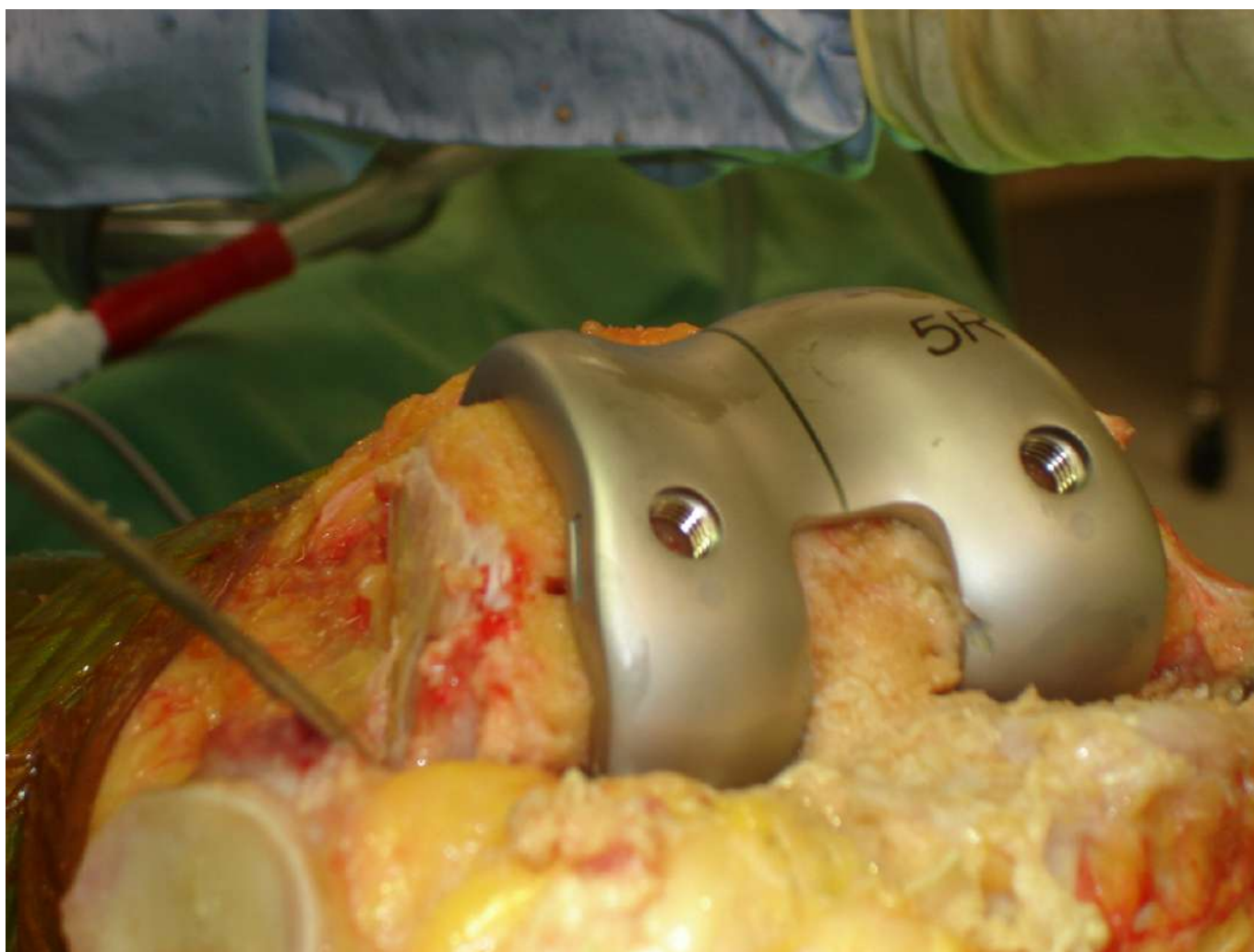




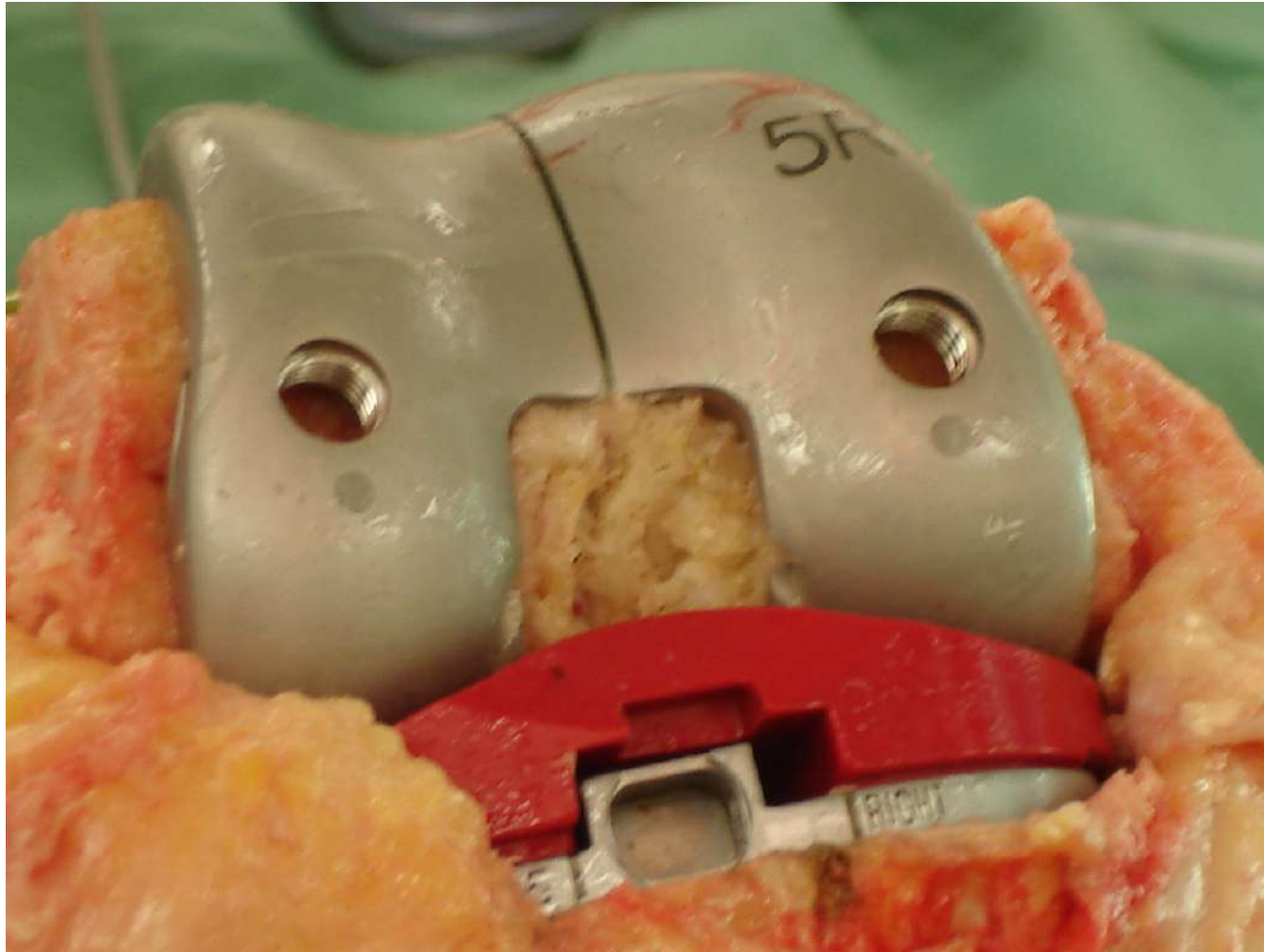


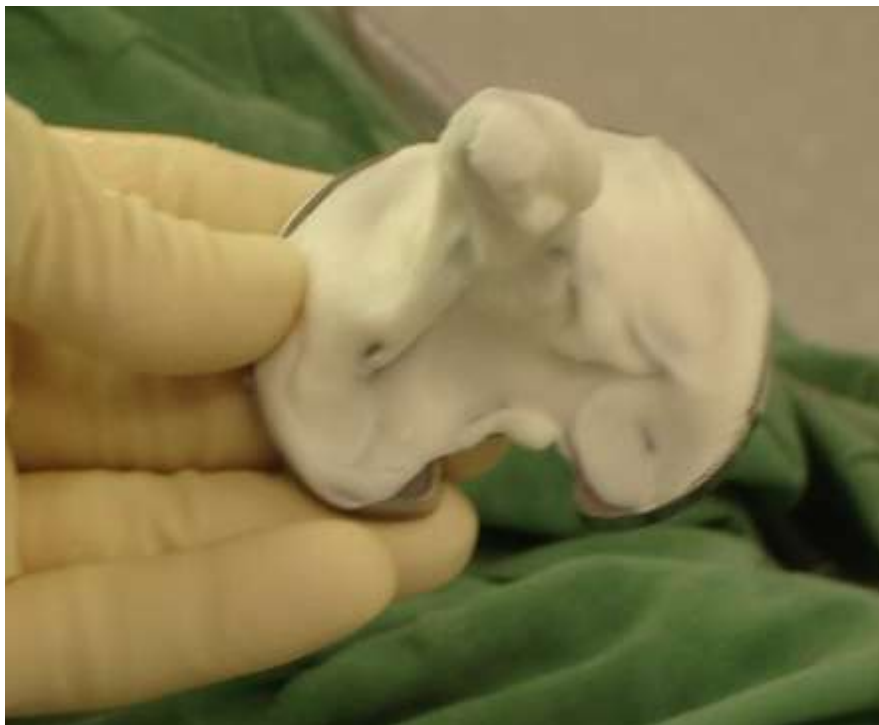




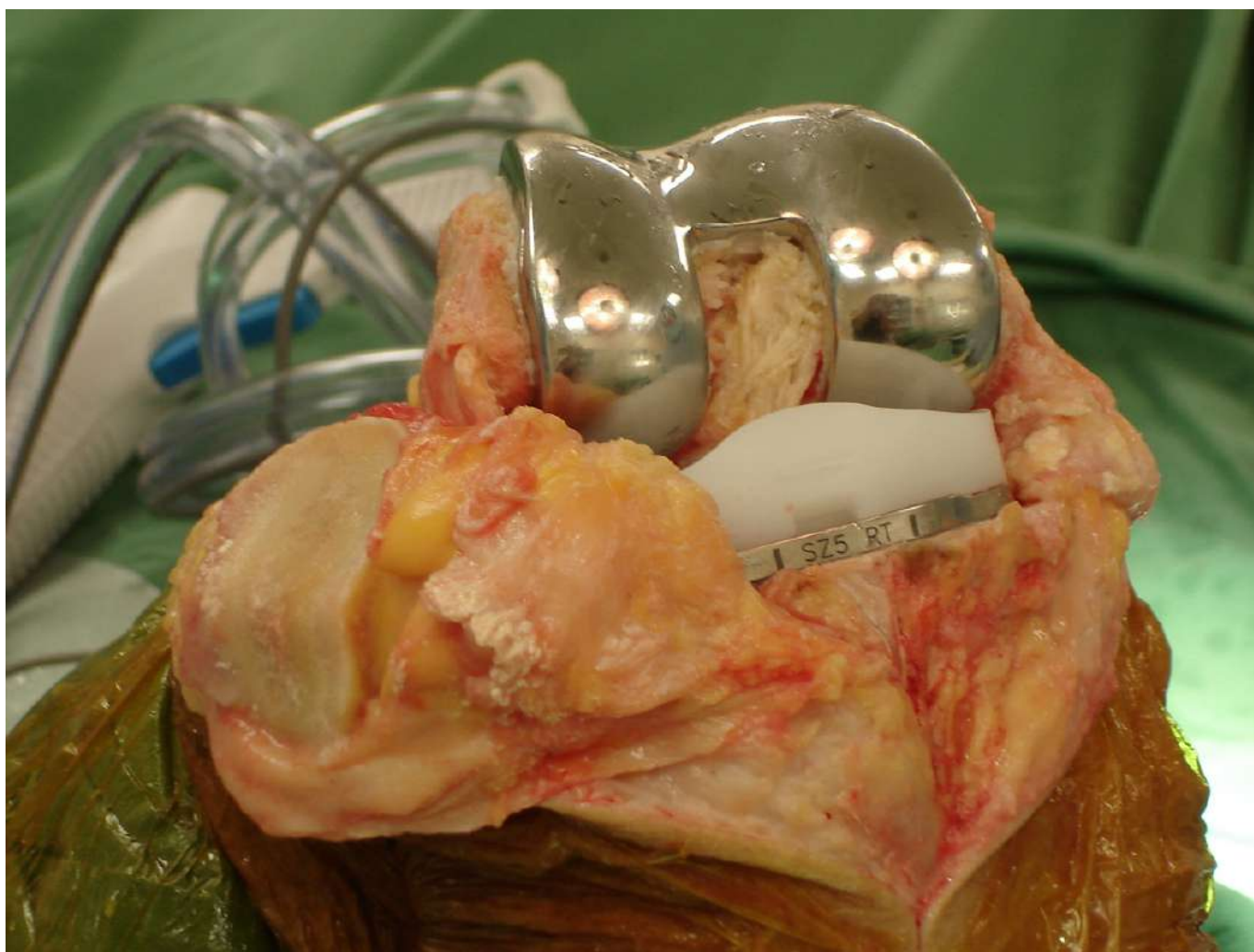




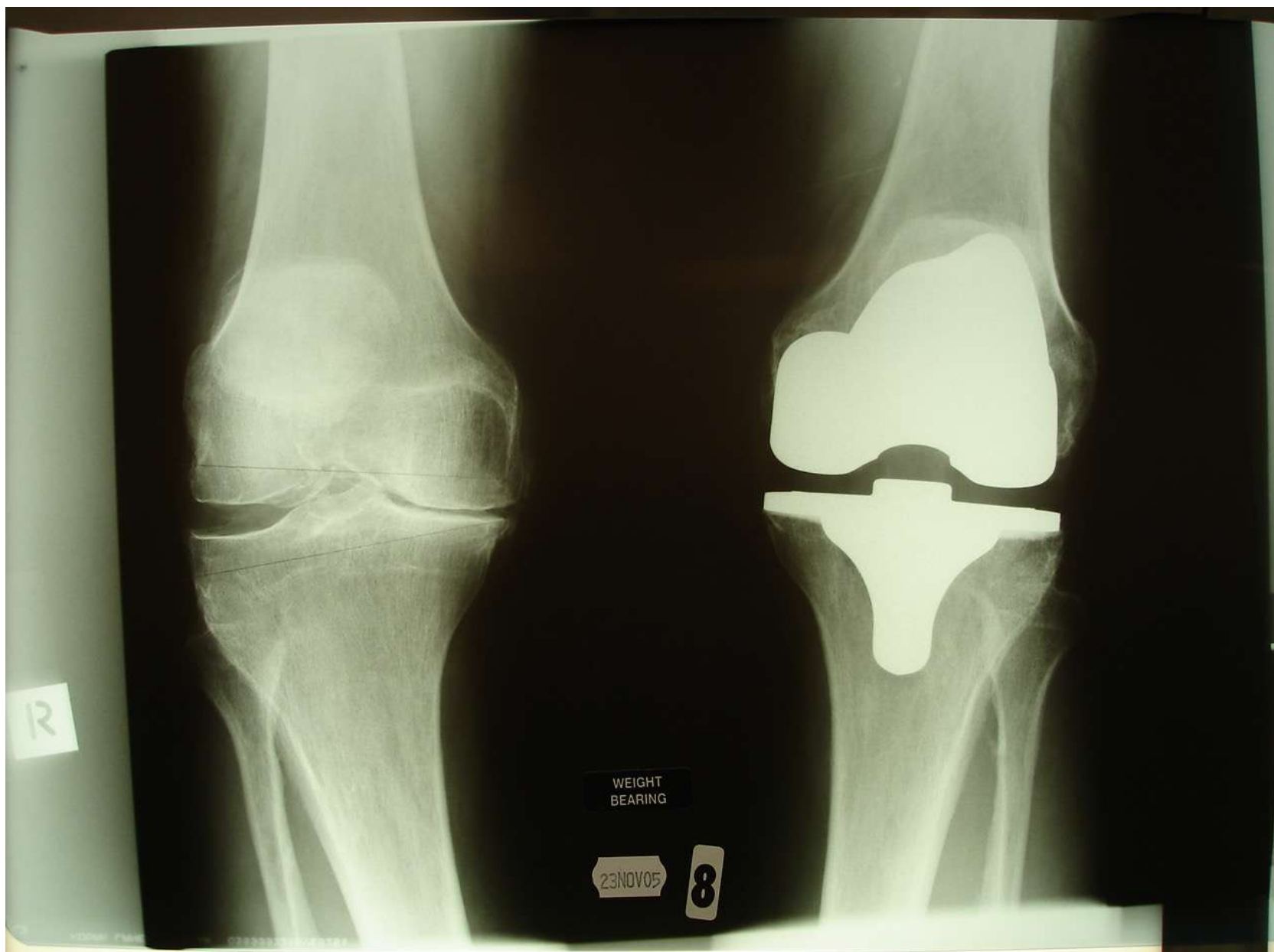








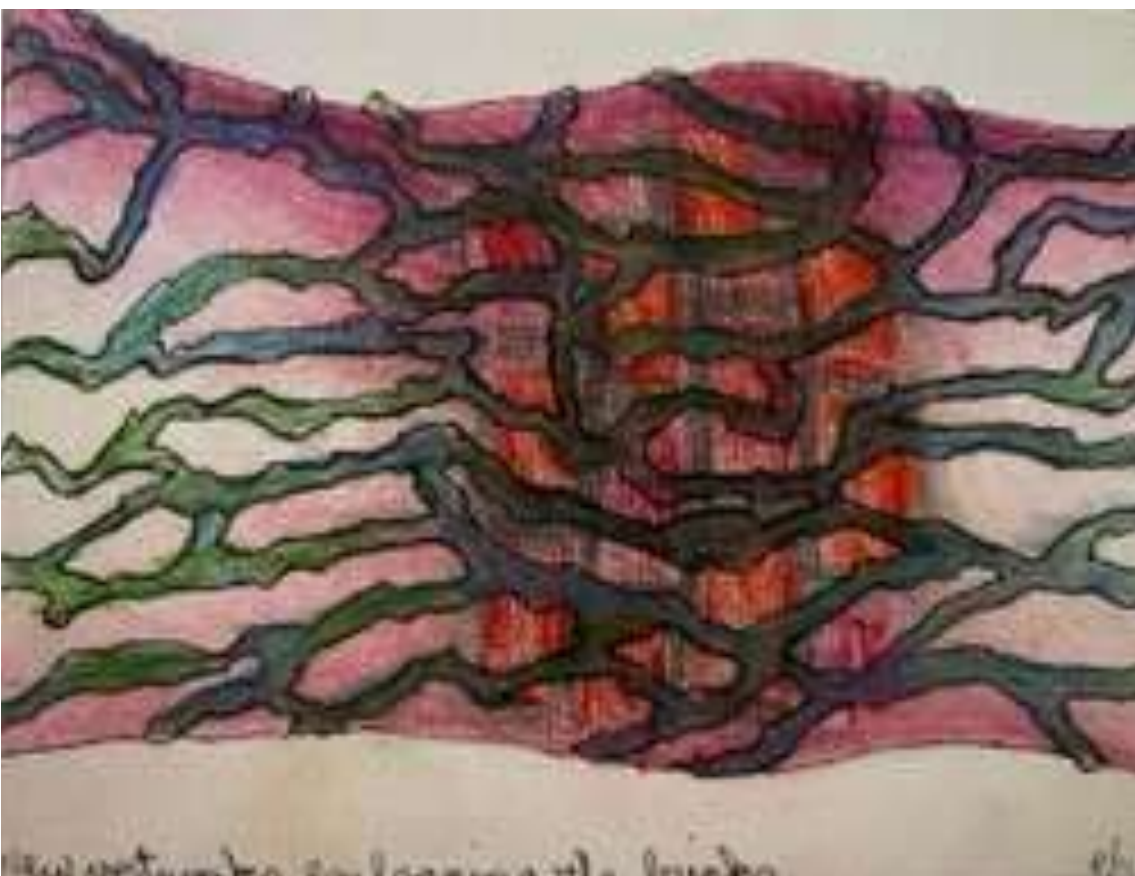












“New networks embracing the bricks”
 Rosalie Cassell
 Depicting stiffness after Knee Replacement



From Bone on Bone to Bionic
 Julia McDonald



“Porcupine Girl
Impaled”
Rosemary Feit Covey
Wood Engraving

With pain we feel our
bodies caught on spikes.
However the woman is
used to her condition and
continues to move
forward using her mind to
negate the external
physical effects.

