

Trauma

Tajinder K Deora DO Dip Phyt MSc FSCCO

OSD Congress

Berlin June 2023

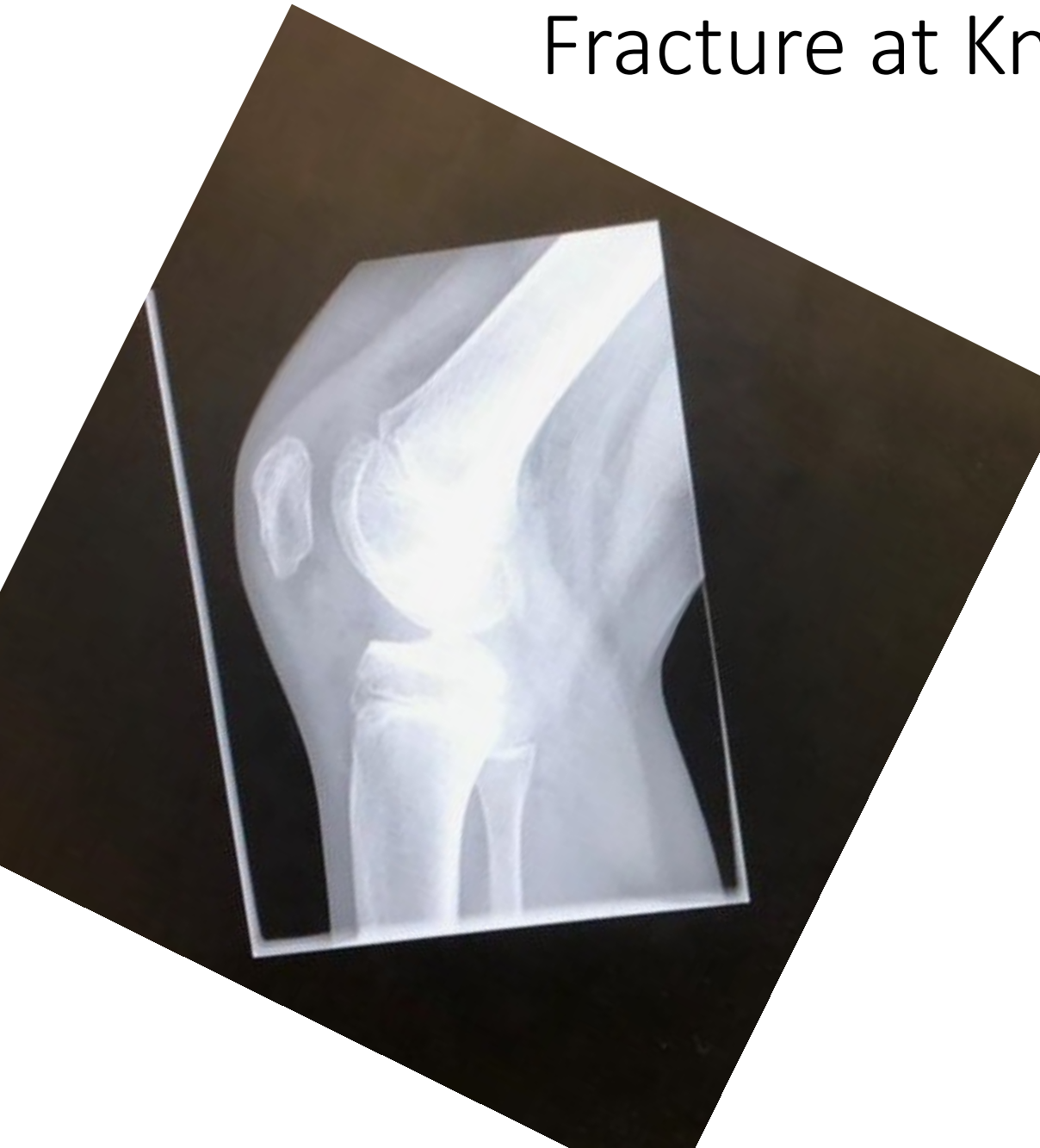
Force factors with body physiology

Rollin Becker: *Life in Motion* p271

- Concepts
- Effects of force *upon* body physiology versus traumatic experience
- Role of force in it relationship *with* body physiology

- Concise picture of body physiology
- Homeostasis
- Principles of force interaction with body physiology

Fracture at Knee joint



Homeostasis

- Cannon “ A Tendency to uniformity or stability in the normal body states of the organism”
- Indicates automatic stability body is seeking
- Capacity to operate on a functional basis within an inherent, normal range of activity
- Perpetual cyclic biochemical, physiological, psychological, mechanical, electrical on all levels including atoms, molecules, cells, fluids, gases, solids, organs, systems etc

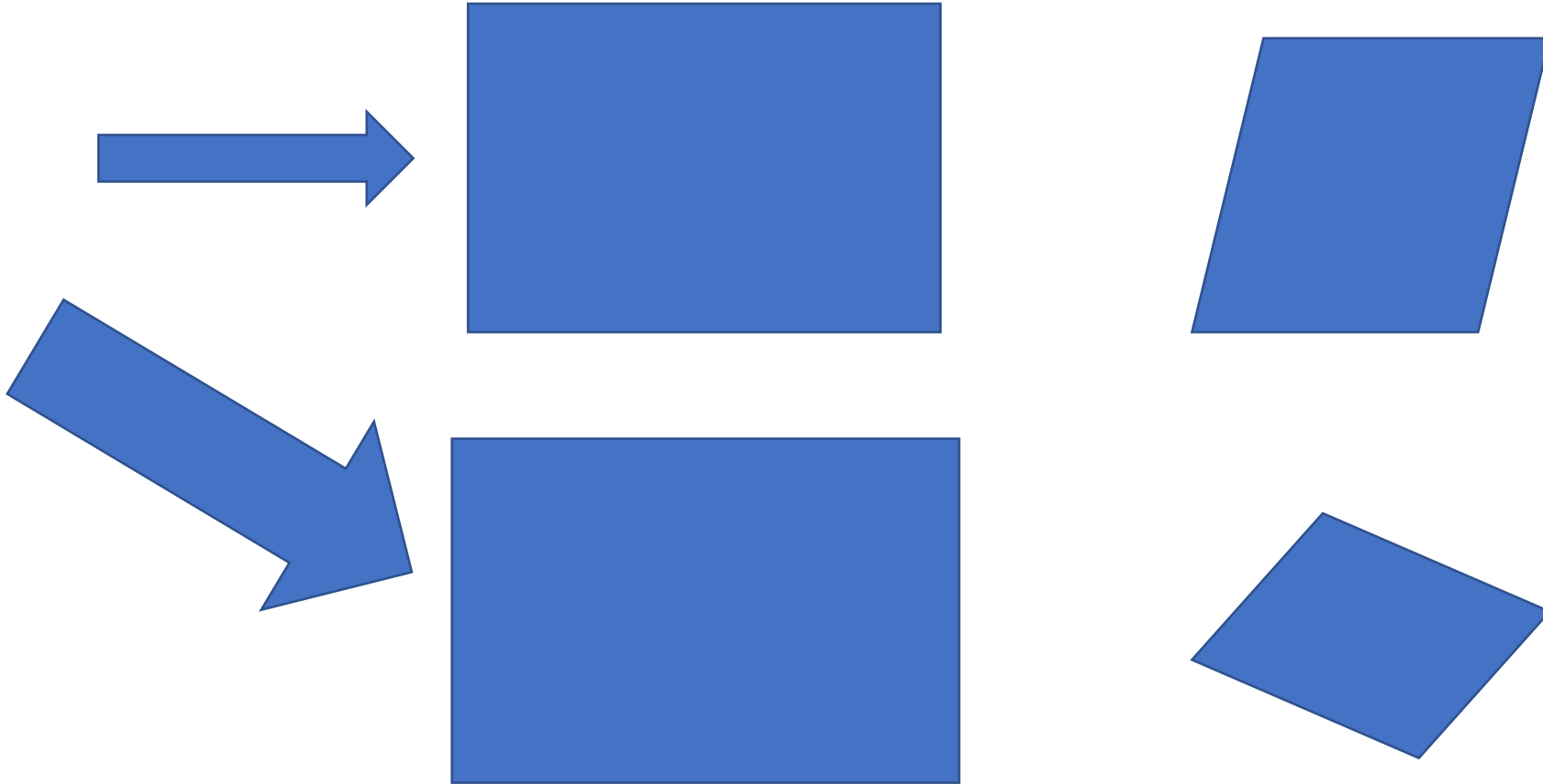
Body is in Dynamic balanced interchange

- Body is never still & in constant motion
- Body carries templates of normal functioning within every phase of its self-regulatory mechanisms
- Use the forces already present in these templates to guide therapeutic influences in correction

Force factors & Cellular Intelligence

- Affect every cell & the fluid matrix
- Recorded by peripheral nervous that imprints the CNS
- This relays in altered behavioural patterns via motor, trophic systems & the ANS
- The whole has created a new pattern of functioning in keeping with the body physiology plus force factors
- Observe patient's comfort zone: Moves body in direction forces were introduced into the body > This becomes the new norm
- Lowered resistance > resilience > increases susceptibility to recurrent injury

Direction & Force > Compressive state



Engaging the Therapeutic process after trauma

- “Dr Becker did not always grossly position the patient; instead with his hands, attention, and small movements of the body, he focussed many of these force factors” Rachael Brooks
- Consider
 - State of body physiology in its development
 - Amount of force of trauma
 - Direction from where trauma came
 - Positions of ease