



EORNA

EUROPEAN OPERATING ROOM
NURSES ASSOCIATION

9th EORNA Congress

16-19 May 2019

The Hague, The Netherlands

CONGRESS ▾

SCIENTIFIC PROGRAMME & ABSTRACTS ▾

REGISTRATION & ACCOMMODATION ▾

PRACTICAL INFORMATION ▾

SPONSORS & EXHIBITORS ▾



“ON THE MOVE”

9th EORNA Congress

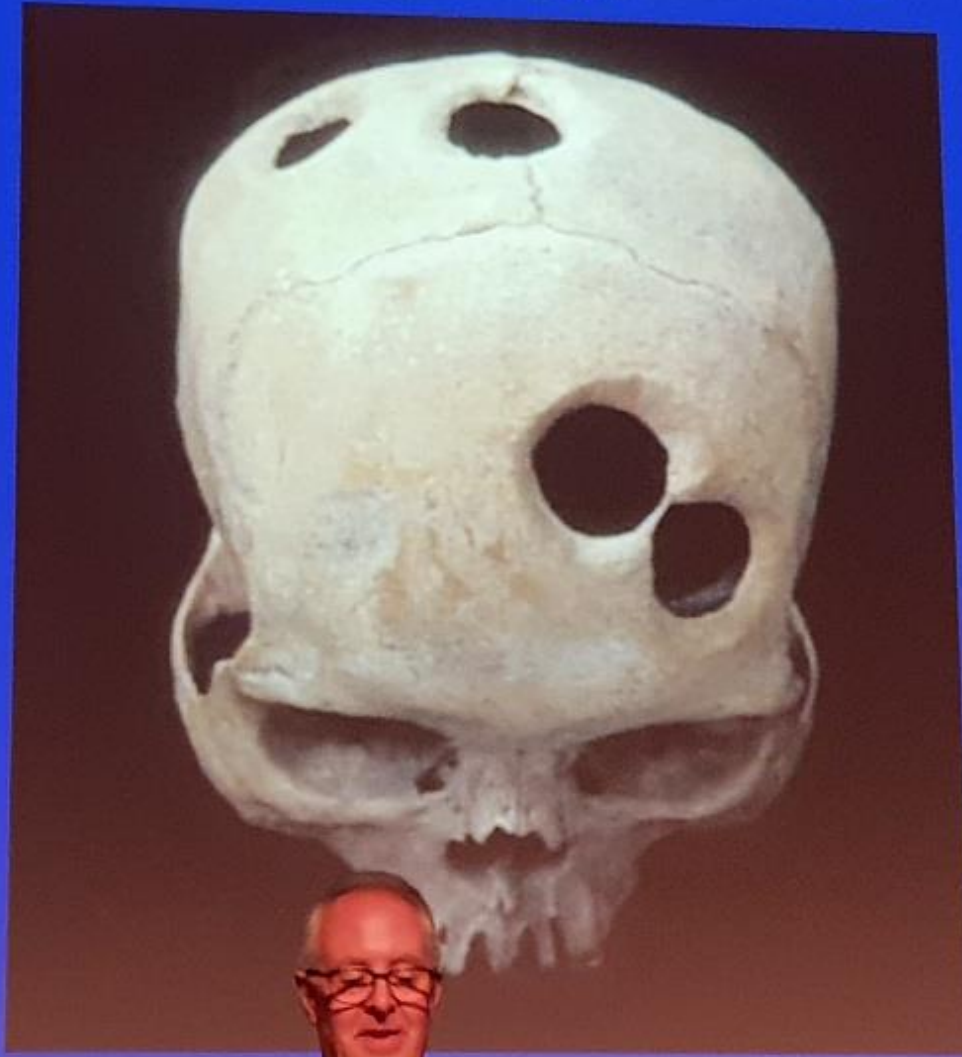
The Hague, The Netherlands

16 - 19 May 2019

ON THE MOVE, INTO OUR FUTURE



Neolithic and Egyptian Era



First Surgical Procedure:

- Trephining
- Involved cutting a small round hole in the head
- Egyptians practised trephining in an effort to cure migraines - the idea was to 'let out' the illness that was causing the headaches

(9000 B.C. to 3000 B.C. – Near and Middle East)



Ancient Greece



New materials, such as iron, used to make surgical instruments:

- Set broken bones
- Bleed patients
- Perform amputations
- Drain the lungs
- Surgery *the* last resort

(800 and 500 B.C)



Roman Era

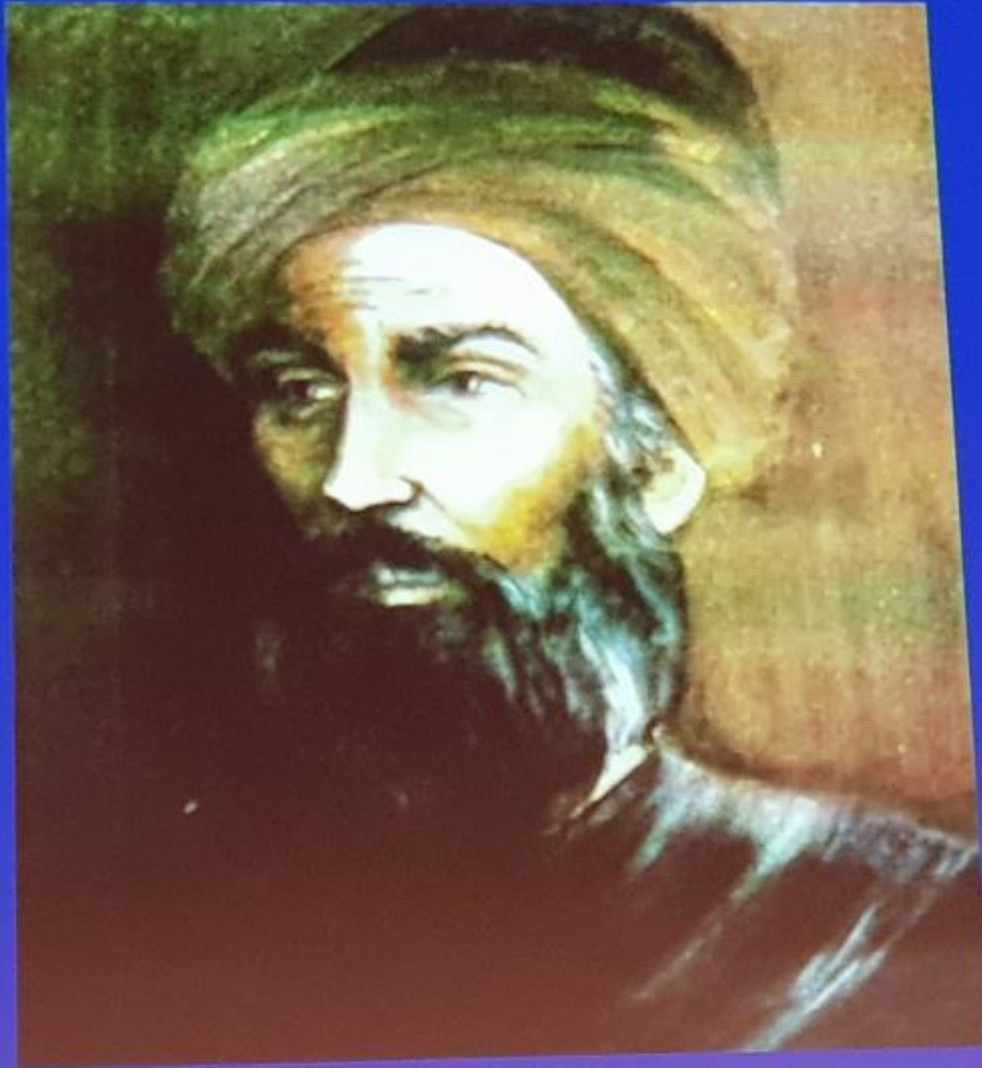


(753 B.C. to 27 B.C. and 64 A.D. to 1453 A.D.)

Surgeons had lots of practice:

- Gladiator schools
- Instruments similar to Greeks
- Turpentine and pitch used as antiseptics
- Amputations
- Trephining
- Eye surgery

Islamic influence (900 to 1000 CE)



Al-Zahrawi (Famous Islamic Surgeon)

Scholarly books:

- Extensively used for centuries by Islamic and Western Medical Scholars
- Orthopaedics
- Military surgery
- Ear, nose and throat surgery

Middle Ages and Medieval Times

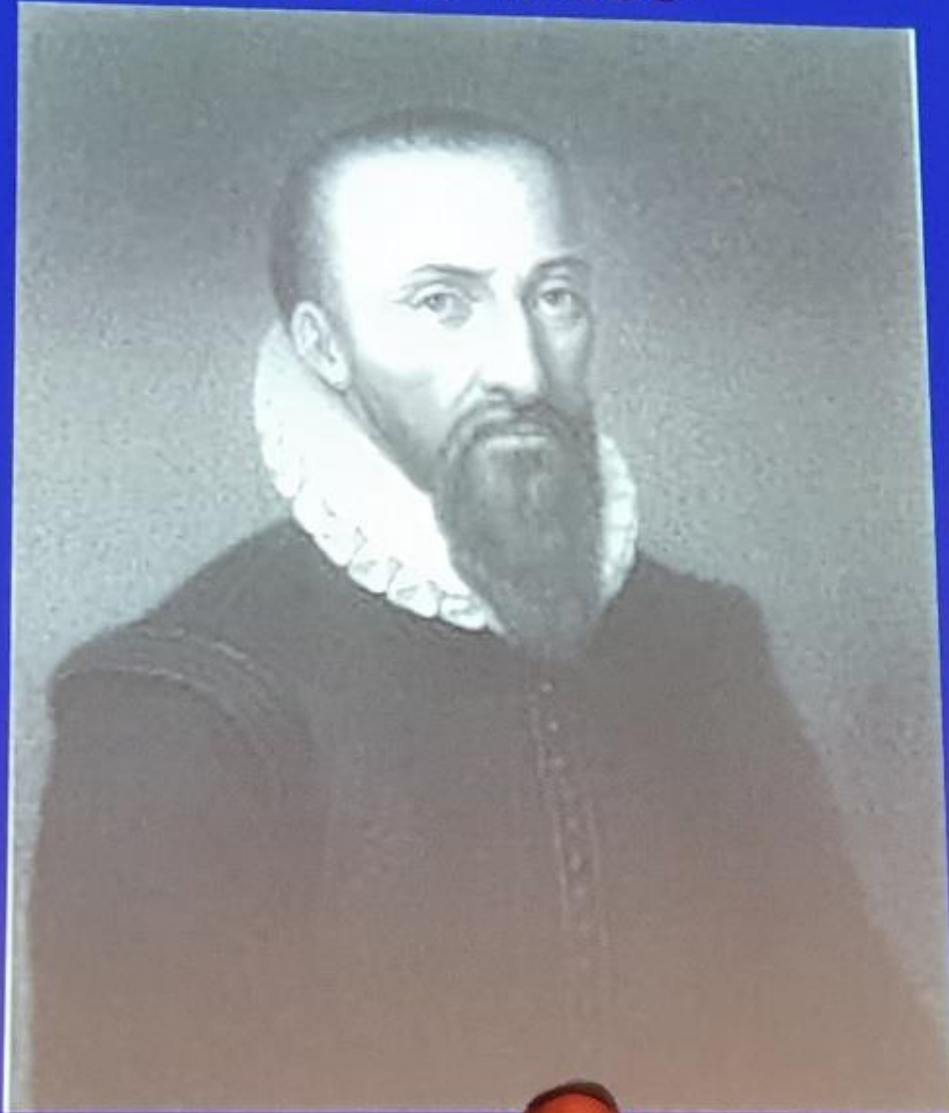


(500 AD - 1500 AD)

Barber-Surgeon:

- Bloodletting and tooth extraction
- Lack of effective antiseptics & anaesthetics
- Anaesthetics such as herbs and alcohol – killed
- Women could become surgeons
- Surgeon no formal education

1500 to 1800s

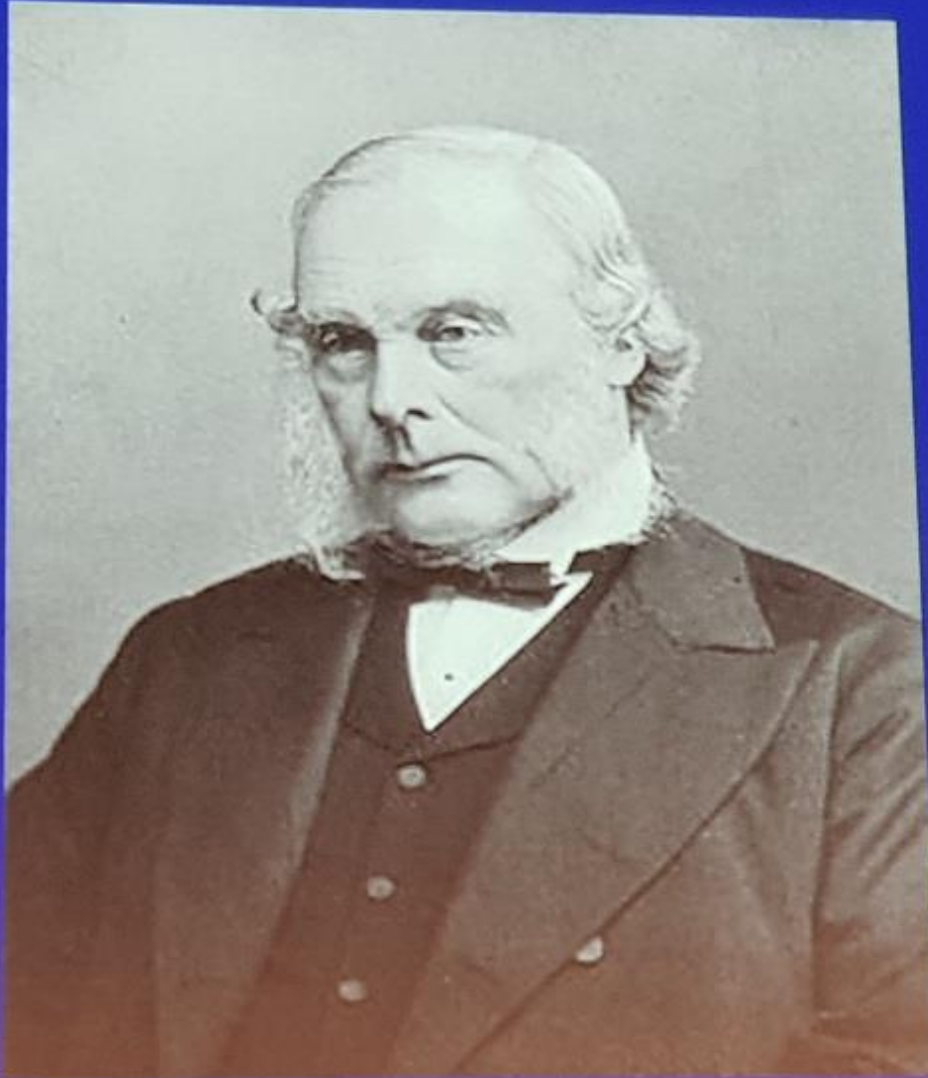


Ambroise Pare, French War Surgeon

Surgery Advances:

- Cautersing wounds helped prevent infection
- Ligatures used to control bleeding
- Introduction of postop bandages
- 1700s women pushed out of surgery
- Anaesthetic gas Ether was first used in 1846

1800 - 1900s



Joseph Lister

Germ Theory:

- The 2 developments revolutionized surgery
- **Antisepsis** is the practice of **eliminating the microorganisms that cause disease (1800s)**
- **Asepsis** is the **absence of microorganisms (1900s)**



The 1940s



Blood Transfusion



Antibiotics



IV Anaesthetics

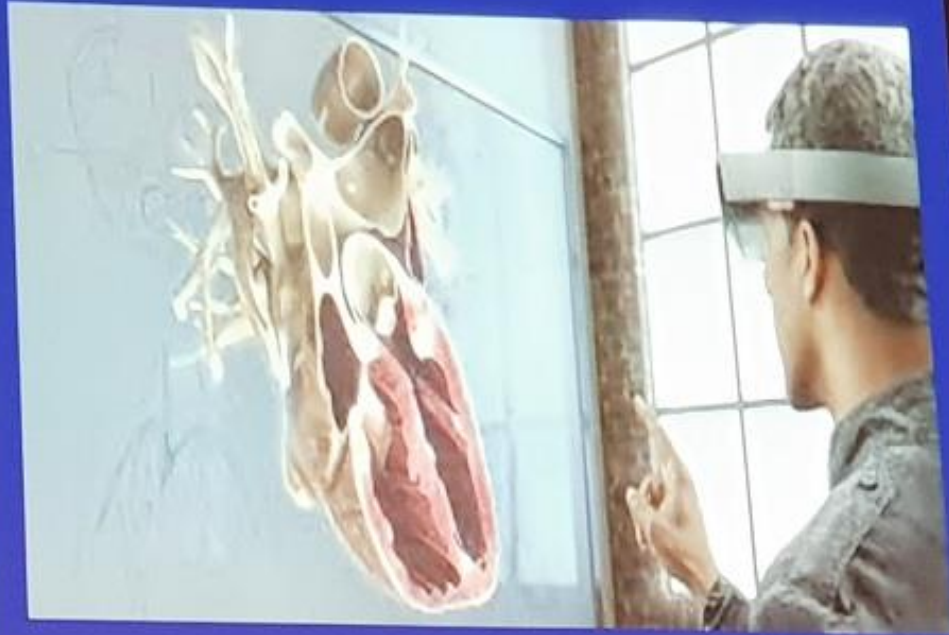
On The Move, A Future Perspective



Growth of Data and Artificial Intelligence

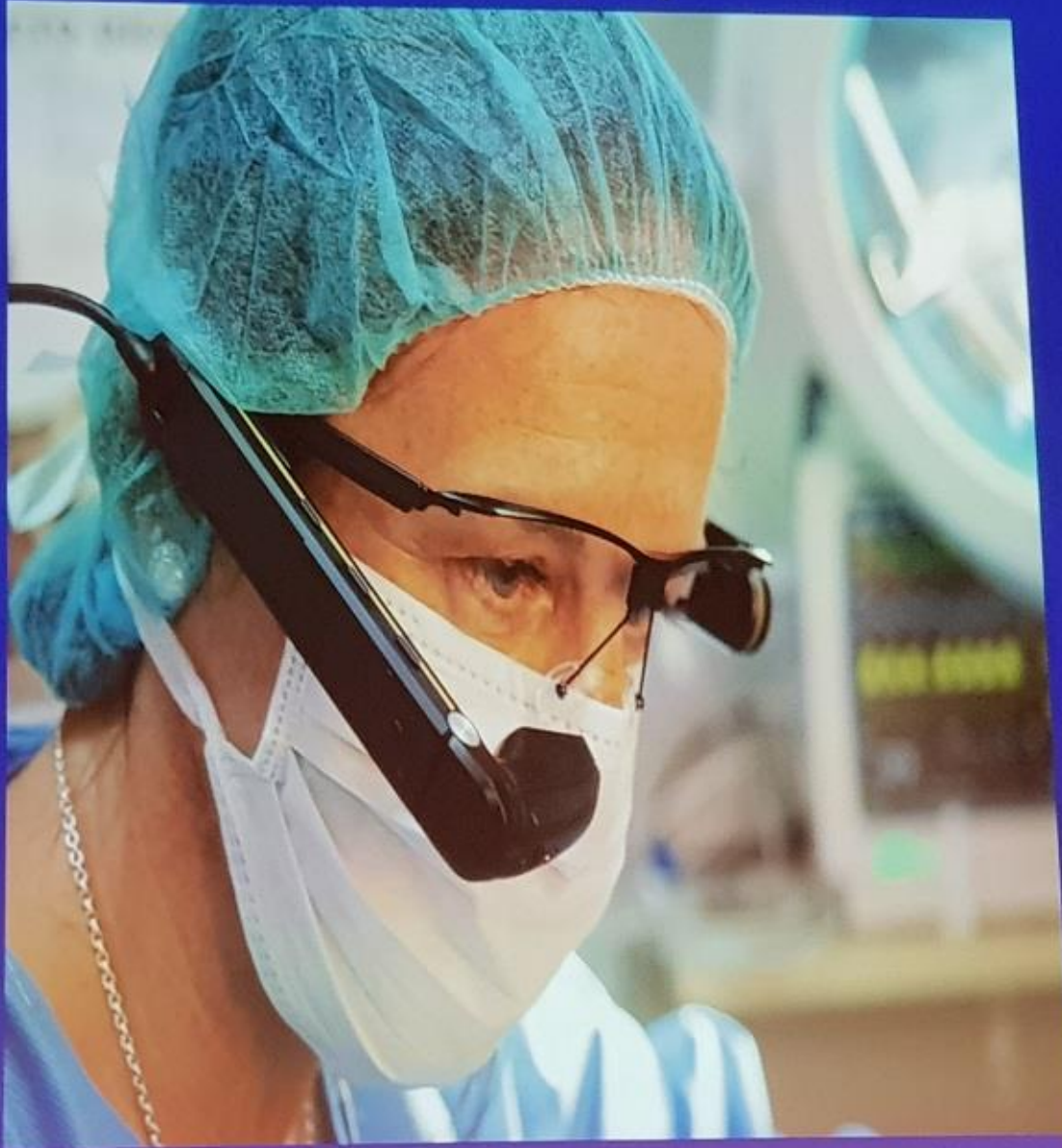


Augmented Reality



- Early adoption hardware and software
- Augment surgeon's ability
 - Training simulation
 - Surgical Planning

Wearables in Surgery



Augmented Reality:

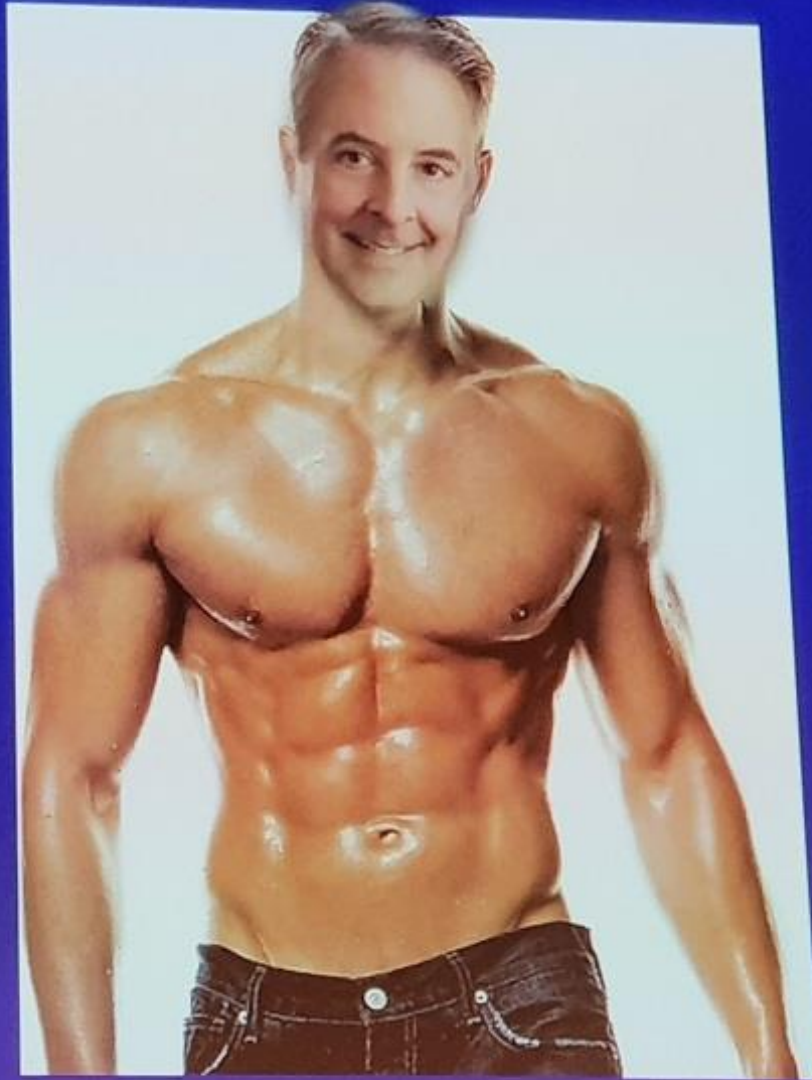
- 3D depth perception of 3D images on surgeons glass screen
- Superimposed images for step by step approach
- Never divert gaze from surgical field – review images and records
- Intraop consultations

Head Transplant

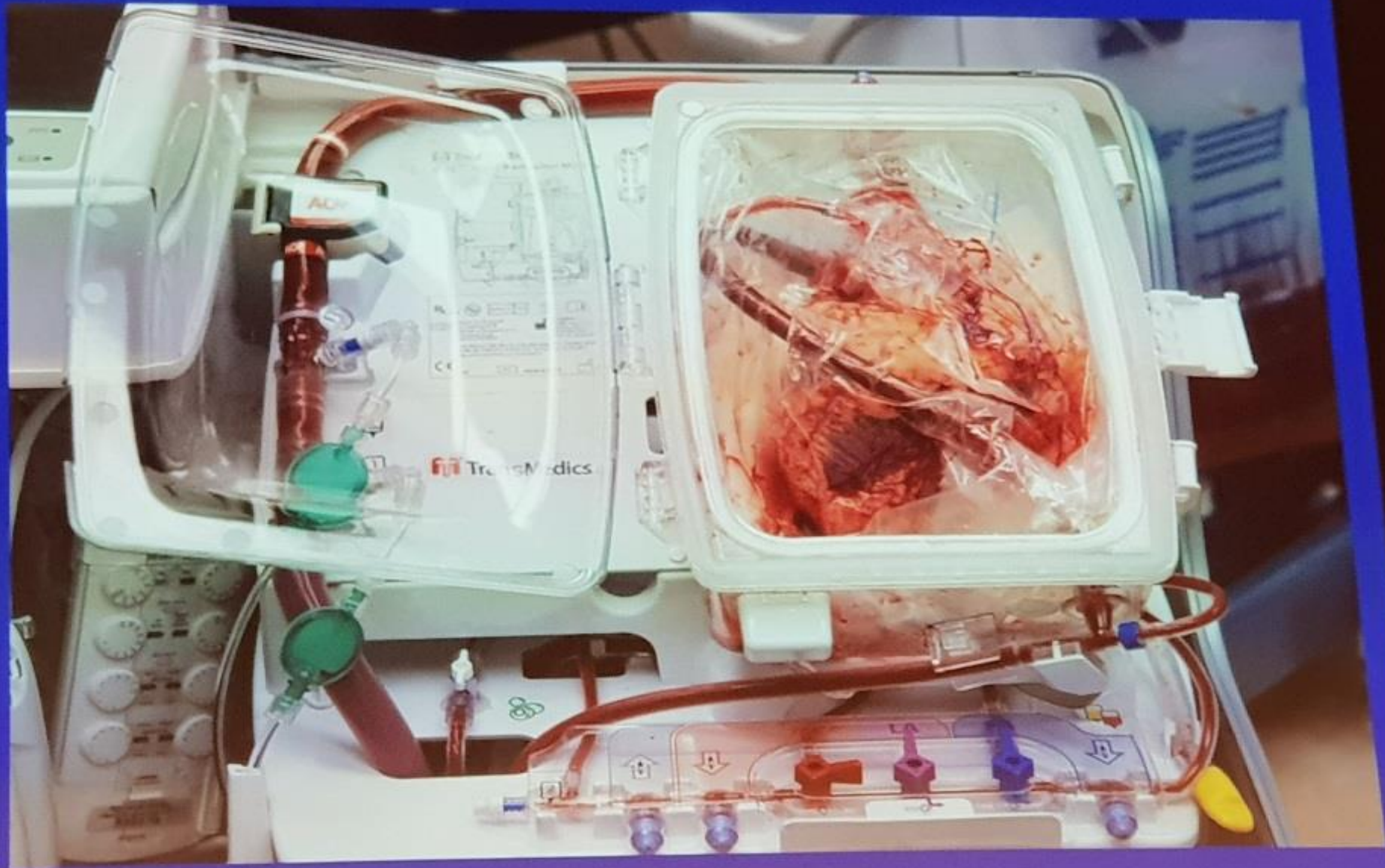


IMAGE TWEETED BY @RotkallOlsun

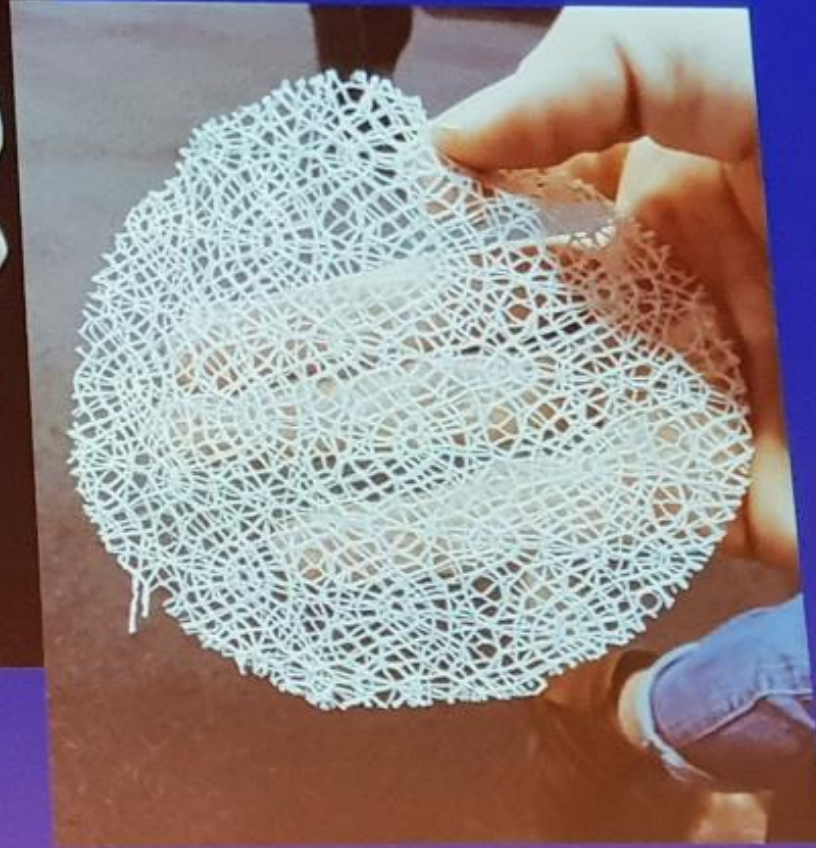
2nd Head & Body Transplant Volunteer Announced



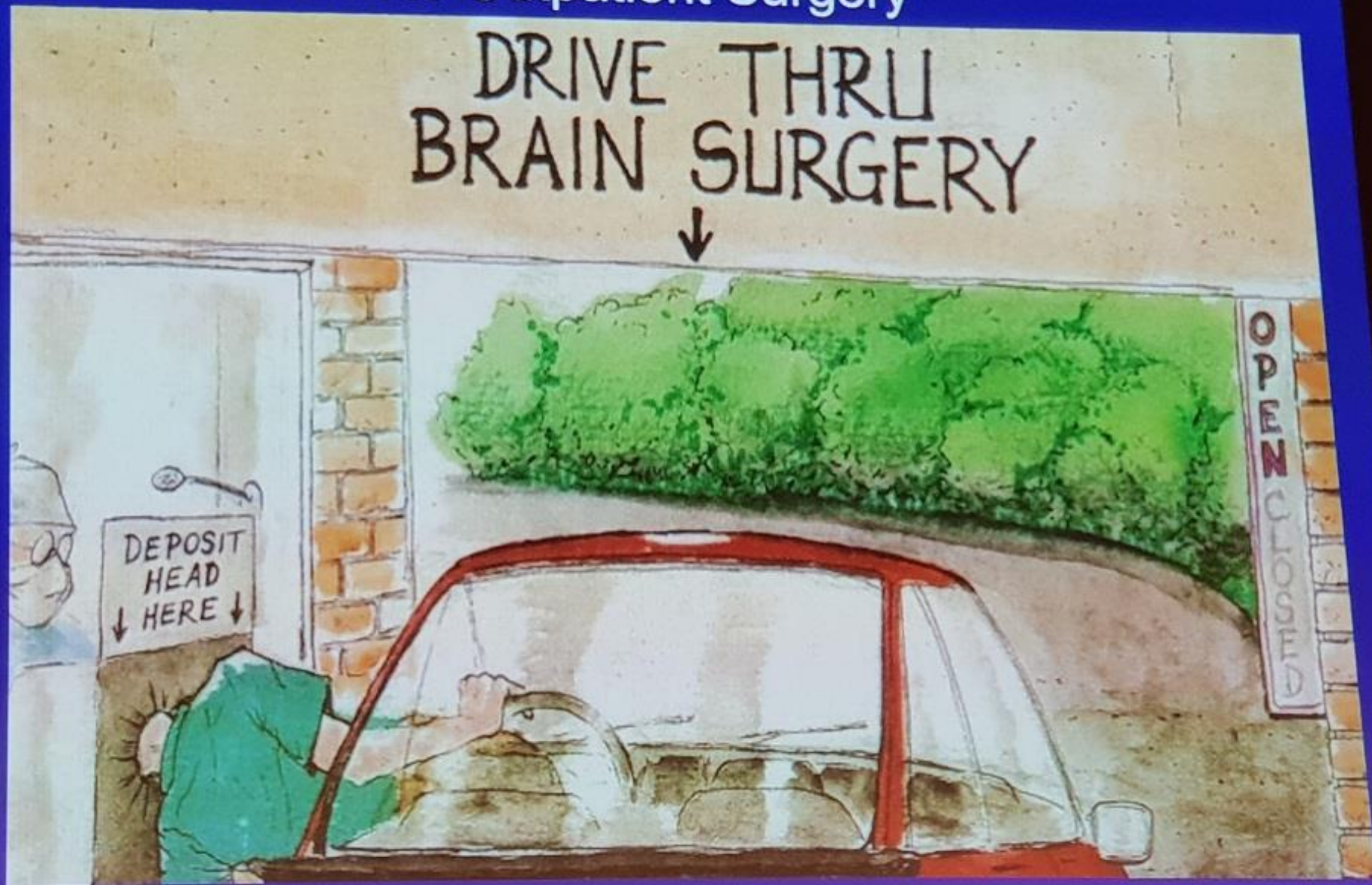
Heart in a Box



3D Printing for Implants



Continued Shift to Outpatient Surgery



Are You Excited for Change?

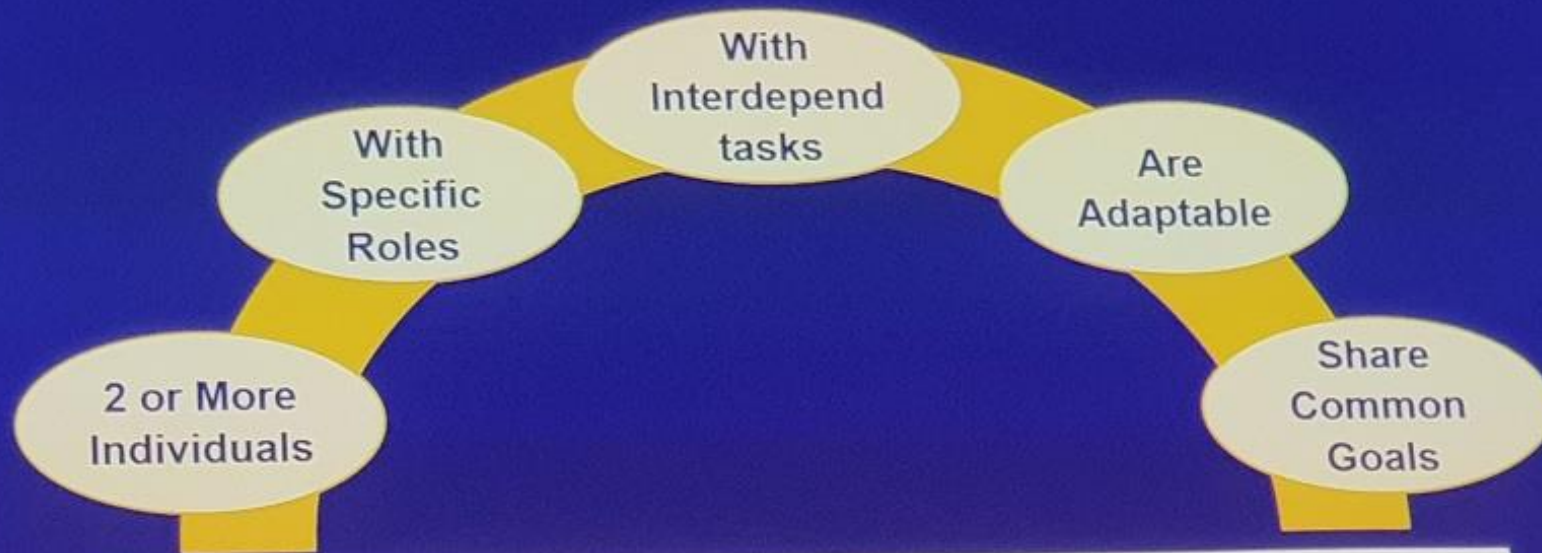


Take Your Change and Go Home

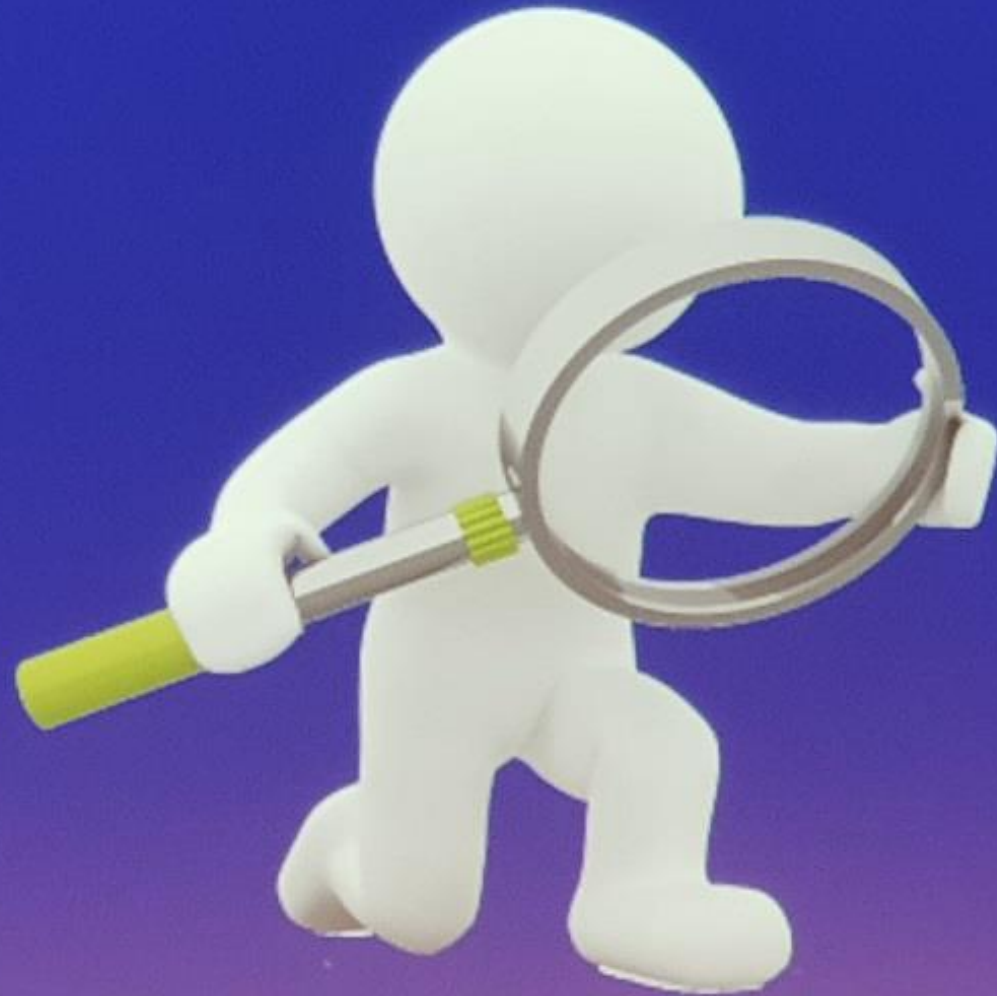


“The announcement of the changes really went well.”

To Be a High Reliable Theatre, It's about Teamwork



How are you viewed as a team member?



Questions

1. When do you feel your best?

- a. In the morning**
- b. During the afternoon & and early evening**
- c. Late at night**

2. You usually walk –

- a. Fairly fast, with long steps**
- b. Fairly fast, with little steps**
- c. Less fast, head up, looking the world in the face**
- d. Less fast, head down**
- e. Very slowly**



Questions

3. When talking to people you –
 - a. Stand with your arms folded
 - b. Have your hands clasped
 - c. Have one or both your hands on your hips
 - d. Touch or push the person to whom you are talking
 - e. Play with your ear, touch your chin, or smooth your hair

4. When relaxing, you sit with -
 - a. Your knees bent with your legs neatly side by side
 - b. Your legs crossed
 - c. Your legs stretched out or straight
 - d. One leg curled under you



Questions

5. When something really amuses you, you react with -
- a. A big, appreciative laugh
 - b. A laugh, but not a loud one
 - c. A quiet chuckle
 - d. A sheepish smile
 - e. No expression
6. When you go to a party or social gathering you -
- a. Make a loud entrance so everyone notices you
 - b. Make a quiet entrance, looking around for someone you know
 - c. Make the quietest entrance, trying to stay unnoticed



Questions

7. You're working very hard, concentrating hard, and you're interrupted, do you -
- a. Welcome the break
 - b. Feel extremely irritated
 - c. Vary between these two extremes
8. Which of the following colors do you like most?
- a. Red or orange
 - b. Black
 - c. Yellow or light blue
 - d. Green
 - e. Dark blue or purple
 - f. White
 - g. Brown or gray



Questions

9. When you are in bed at night, in those last few moments before going to sleep, you lie -
- a. Stretched out on your back
 - b. Stretched out face down on your stomach
 - c. On your side, slightly curled
 - d. With your head on one arm
 - e. With your head under the covers
10. You often dream that you are –
- a. Falling
 - b. Fighting or struggling
 - c. Searching for something or somebody
 - d. Flying or floating
 - e. You usually have dreamless sleep
 - f. Your dreams are always pleasant

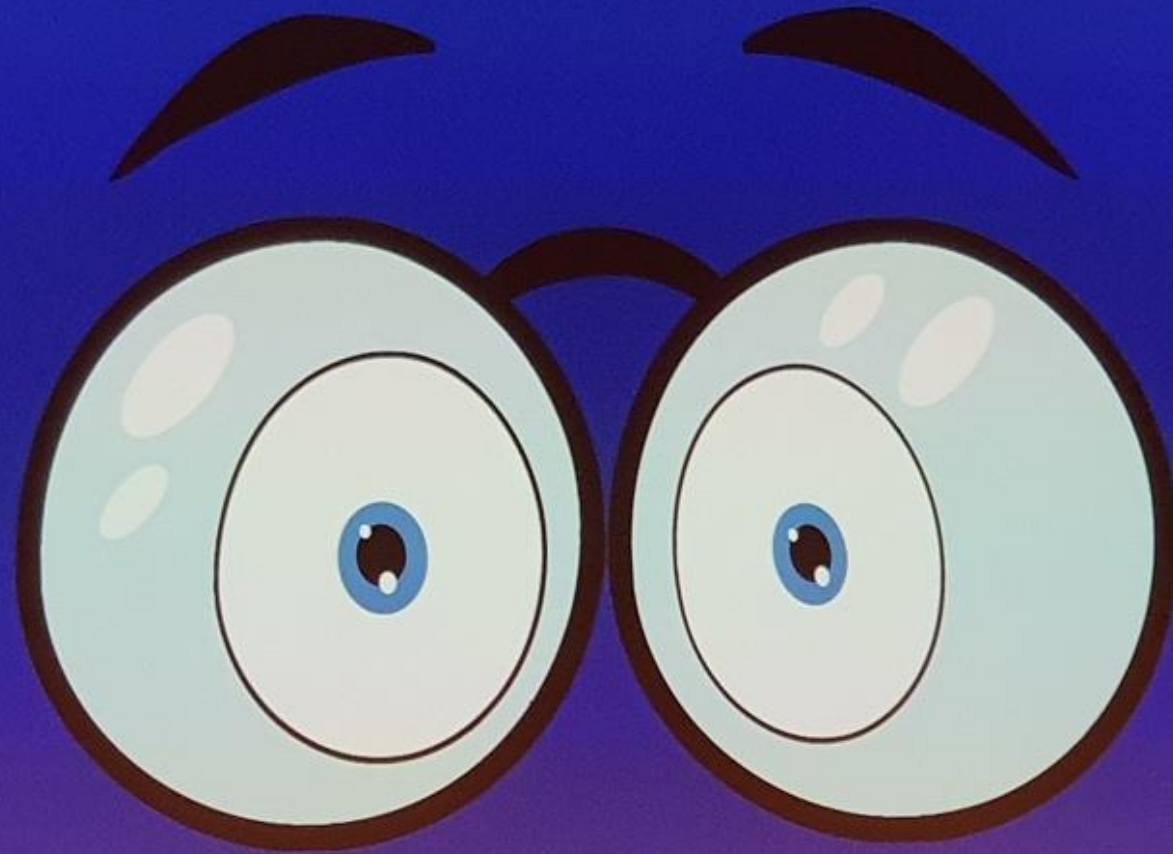


Score Sheet

Question Number	Points to Answers
#1	A = 2, B = 4, C = 6
#2	A = 6, B = 4, C = 7, D = 2, E = 1
#3	A = 4, B = 2, C = 5, D = 7, E = 6
#4	A = 4, B = 6, C = 2, D = 1
#5	A = 6, B = 4, C = 3, D = 5, E = 2
#6	A = 6, B = 4, C = 2
#7	A = 6, B = 2, C = 4
#8	A = 6, B = 7, C = 5, D = 4, E = 3, F = 2, G = 1
#9	A = 7, B = 6, C = 4, D = 2, E = 1
#10	A = 4, B = 2, C = 3, D = 5, E = 6, F = 1

Add Total Points: _____

Your Results – How Others See You



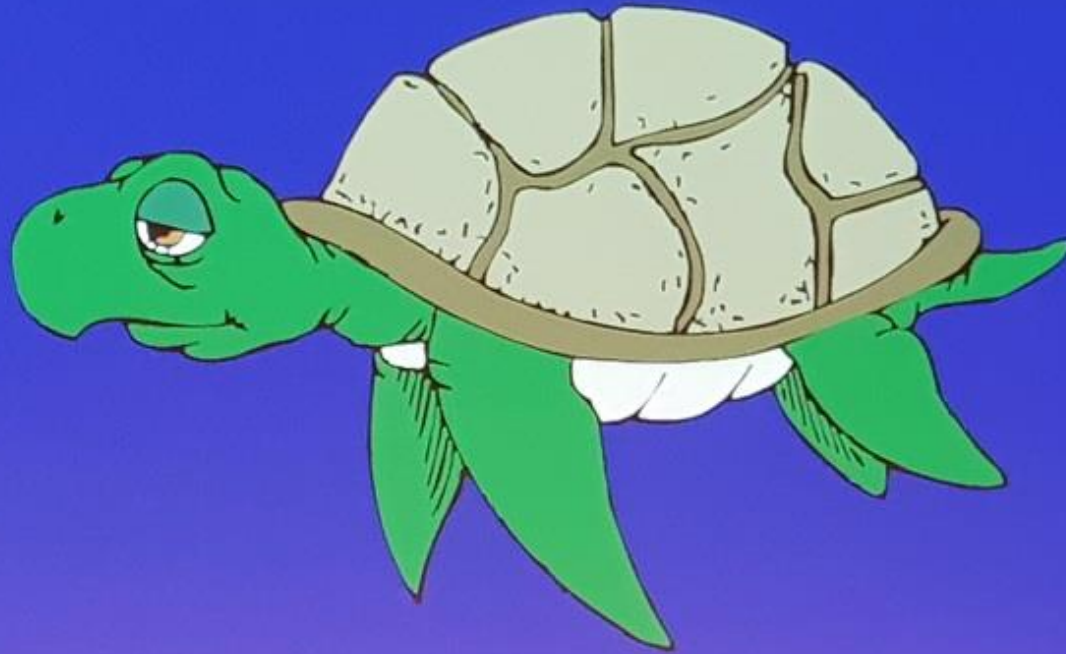
Under 21 Points: Shy Worrier

- Shy
- Nervous
- Indecisive
- See Problems that Don't Exist
- Always want others to Make the Decisions



21 – 30 Points: The Careful Plodder

- Slow Moving
- Painstaking
- Fussy
- Very Cautious
- Extremely Careful



31 – 40 Points: Cautious

- Sensible
- Cautious
- Careful
- Practical
- Clever
- Gifted



41 – 50 Points: Lively

- Fresh
- Kind
- Charming
- Considerate
- Amusing
- Practical
- Always interesting



51 – 60 Points: Natural Leader

- Exciting
- Highly Volatile
- Impulsive Personality
- Quick to Make Decisions
- Bold and Adventurous
- Takes Chances
- Enjoys an Adventure



Over 60 Points: Self Centered

- **“Handle with Care”**
- **You’re seen as Vain**
- **Self-Centered**
- **Extremely Dominant**



Its Up to YOU



There is No "I" in Team!



The "I" in team is
hidden in the "A" hole!



TEAM

Change is Inevitable



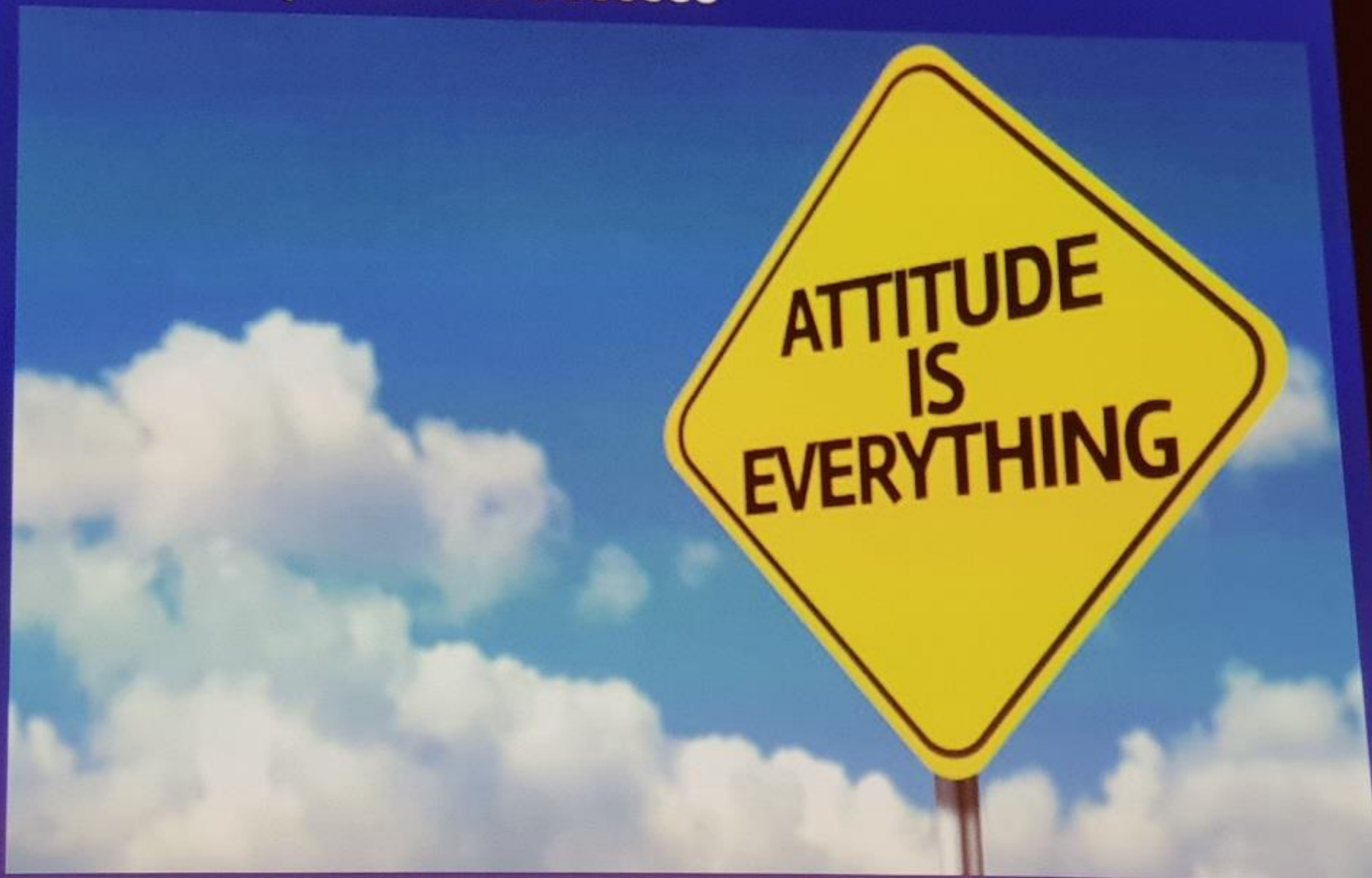
Driving the Advances in Surgery



You Choose How to Accept the **FUTURE & CHANGE**



What is Important to Success



On The Move, Changing the World



Jaana Perttunan



May Karam



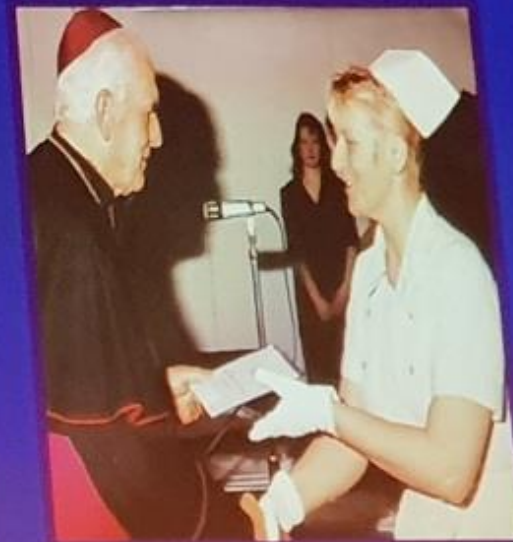
Henk Folkstrama



Mary Jo Steiert



Patrick Voight



Mona Guckian-Fisher

THANK YOU

