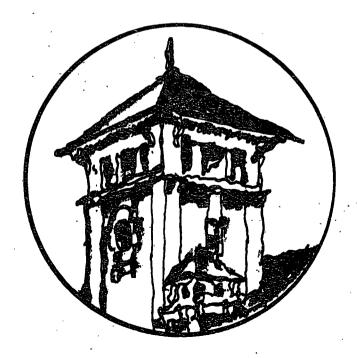


SAOA INSTRUCTIONAL COURSE 1982 Bloemfontein

27-29 September 1982



S.A.O.A. INSTRUCTIONAL COURSE 1982 BIOMECHANICS IN ORTHOPAEDIC SURGERY PROGRAMME

MONDAY 27th SEPTEMBER, 1982

08h00-08h30: REGISTRATION

CHAIRMAN PROF R B SNOWDOWNE

08h30 : Review of Basic Mathematics — Dr E Chao

09h00 : Statics and Dynamics — Dr E Chao

10h30 : TEA

10h50 : Joint Motions and forces — Dr E Chao

11h50 : DISCUSSION

12h30 : LUNCH

13h30 : CHAIRMAN PROF G DALL

13h30 : Biomechanics of the Knee — Drs E Chao & G Deane

14h30 : Functional evaluation of Joints and Gait analyses —

Dr E Chao

15h30 : TEA

15h50 : Biomechanics of the foot and ankle — Dr. G Deane

16h50 : DISCUSSION

17h00 : Report back on S & N Travelling Fellowship — Dr C J

Joubert

TUESDAY 28th SEPTEMBER, 1982

08h00 : CHAIRMAN DR L H MULLER

08h00 : Mechanics of Material — Dr E Chao

09h00 : Biomaterials — Dr E Chao

10h00 : DISCUSSION

10h30 : TEA

10h50 : Biomechanical principles in imp ant design — Dr G

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Deane

11h50 : Past present and future of joint replacement —

Dr G Deane

12h30 DISCUSSION

13h00 : LUNCH

14h00 : CHAIRMAN PROF R GRÄBE

14h00 : The properties of Bone — Dr E Chao

15h00 : DISCUSSION

15h15 : TEA

15h35 : Mechanical preparation of bone in surgery — Dr G

Deane

16h35 : DISCUSSION

17h00 : Annual General Meeting C.R.A.S.A.

WEDNESDAY 29th SEPTEMBER, 1982

08h00 : CHAIRMAN DR H J CILLIERS

08h00 : The Biomechanics of Internal Fixation — Dr E Chao

09h00 : The Biomechanics of External Fixation — Dr E Chao

10h00 : DISCUSSION

10h15 : TEA

10h35 : The Biomechanics of the lumbar spine — Dr G Deane

11h45 : Custom prosthesis in bone and joint reconstruction

- Dr E Chao

12h45 DISCUSSION

13h00 : LUNCH

14h00 : CHAIRMAN PROF R B SNOWDOWNE

14h00 : The properties of Soft Tissue — Dr E Chao

14h30 : Research and Teaching in Biomechanics — Drs E Chao

and G Deane

15h15 : DISCUSSION

15h30 : TEA

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S.A.O.A. INSTRUCTIONAL COURSE 1982

In these times of inflation it is becoming ever more difficult to offer courses such as this one at a cost which will not discourage attendance. Due to the unstinting generosity of a number of firms the organisers have been able to keep the costs reasonable. We gratefully aknowledge the support of the following firms:

C.M.W.

Deloro — Zimmer: Hospital Products

Howmedica: Protea Holdings

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The r contributions reflect their interest in the future of Orthopaedic surgery in South Africa

Prof. R.B. Snowdowne CHAIRMAN

Dr. H.J. Cilliers SECRETARY AND TREASURER