

OTHER DISPLAYED POSTERS

- 1) An image processing method for spinal kinematic measurement — a feasibility study
A. BREEN, R. ALLEN & A. MORRIS (Bournemouth, Southampton & Salsbury)
- 2) Twisting of the human back in various degrees of forward flexion — preliminary results
R. J. HINDLE, M. J. PEARCY, J. M. GILL & G. R. JOHNSON (Durham and Newcastle-on-Tyne)
- 3) Continuous measurement of sagittal movement of the lumbar spine.
E. O. OTUN & J. A. ANDERSON (London)
- 5) Prediction of outcome among chronic low back pain patients
L. F. DAVIES, R. J. SMITH, R. J. RODGERS, K. H. SIMPSON & F. R. ELLIS (Bradford & Leeds)
- 6) Fibrinolytic activity in symptomatic and asymptomatic lumbar spondylosis
P. S. KILMIUK, K. ILLINGWORTH & M. I. V. JAYSON (Salford)
- 7) Serial measurements of fibrinolytic activity in acute low back pain and sciatica.
P. S. KLIMIUK, A. L. KEEGAN, G. D. POUNTAIN, & M. I. V. JAYSON (Salford)

CAR PARKING

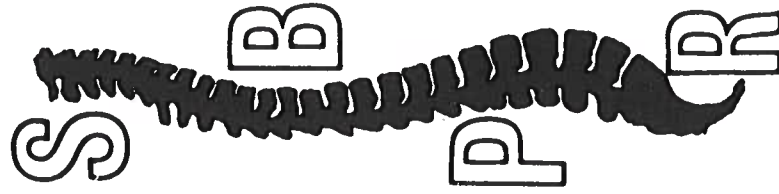
It is suggested that one uses the multi-storey car park close to the hospital

ACKNOWLEDGEMENTS

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*Ayerst Laboratories Ltd.
Sanofi (Labaz) UK Ltd.
Picker International.*

*Society for
Back Pain Research*



Spring Meeting

*Leeds General Infirmary
Littlewood Hall*

Friday, 20th March, 1987

PROGRAMME

9-00 Erection of Posters

10-00 Registration, coffee and poster viewing

SYMPOSIUM ON THE AGEING SPINE

Chairman: Mr M. A. NELSON.

10-30 Epidemiological aspects of the ageing spine
E. M. BADLEY (Manchester)

10-45 Discussion

10-55 Biochemical changes in the spine with age
R. M. FRANCIS (Newcastle-on-Tyne)

11-10 Discussion

11-20 Changes in the structure and function of the ageing intervertebral disc
D. A. HALL (Leeds)

11-35 Discussion

11-45 Social and economic aspects of the ageing spine
~~G. P. MULHELY (Leeds)~~ **DR. S. YOUNG, BRADFORD**

12-00 Discussion

12-00 Radiological changes in the ageing spine
(SPEAKER TO BE CONFIRMED) **DR. J. MCCALL**

12-25 Discussion

12-35 Should one operate on the ageing spine?
R. W. PORTER (Doncaster)

12-50 Discussion

1-00 LUNCH AND POSTER VIEWING

2-30

DISCUSSION OF POSTERS ON THE AGEING SPINE

Chairman: ~~Professor M. V. JAYSON~~ **MR. R. GREEN**

- 1) Effect of age on the level of collagenolytic enzymes extracted from human intervertebral discs
S. C. S. NG & J. B. WEISS (Manchester)
- 2) Effect of age on the fluid of the inter-vertebral disc
J. P. G. URBAN & D. H. BERGEL (Oxford)
- 3) Constancy of collagen fibre orientation in the annulus fibrosus during ageing of the inter-vertebral disc.
D. W. L. HUKINS, K. E. DAVIES & R. C. HILTON (Manchester)
- 4) Age-related changes in structure within and bordering the inter-vertebral foramina; association with low back pain.
J. A. HOYLAND, A. J. FREEMONT & M. I. V. JAYSON (Manchester)
- 5) Effects on ageing on magnetic resonance images of the spine.
D. S. HICKEY, J. P. R. JENKINS, G. J. SIVEWRIGHT & I. ISHERWOOD (Manchester)
- 6) Potential for image analysis in quantitative magnetic resonance imaging of the spine.
D. J. PRENDERGAST, D. S. HICKEY, J. P. R. JENKINS, & I. ISHERWOOD (Manchester)
- 7) Potential of X-ray diffraction computed tomography for discriminating between normal and osteoporotic bone
G. HARDING, J. M. KOSANETZKY, D. W. L. HUKINS & A. J. FREEMONT (Hamburg & Manchester)
- 8) Transcutaneous electrical nerve stimulation for the management of chronic back pain due to vertebral crush fractures in patients with osteoporosis
J. C. T. FAIRBANK & W. PACKWOOD (Birmingham)
- 9) Spinal fusion in the elderly
J. A. N. SHEPPERD (Hastings)
- 10) Symptoms associated with degenerative spondylolisthesis
R. W. PORTER (Doncaster)
- 11) Bibliography of the ageing spine
C. E. HUKINS & D. W. L. HUKINS (Manchester)

4-00

TEA