Lunchtime Seminars
available throughout 2009 – 2010

HITACHI
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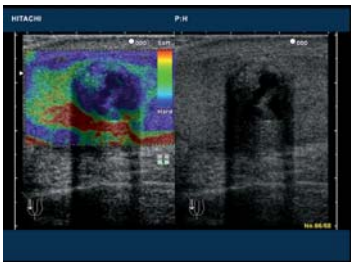
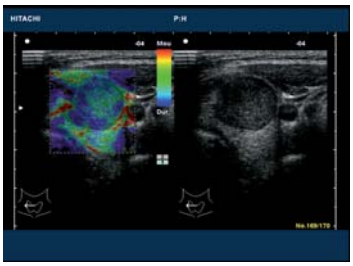
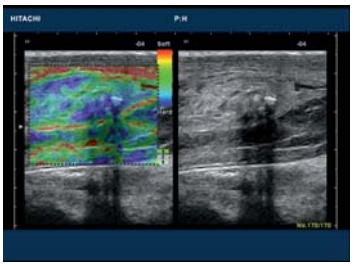
Introduction To Hitachi Real-time Tissue Elastography (HI-RTE)



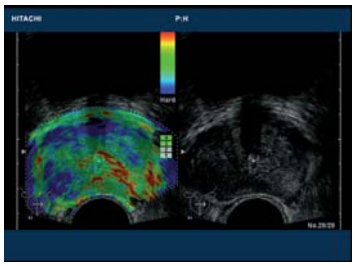
Testis: Mixed Germ Cell tumour



Thyroid: Follicular Ca in left lobe



MSK: Resolving tear 2 months old in left pectoral



Prostate: Extracapsular disease on right side

Can Elastography help in differentiating benign from malignant lesions?

"It is well-known that tumours and certain inflammatory conditions can lead to loss of tissue elasticity. In particular, the hardness of a tumour is considered to be an indicator of malignancy[1] therefore the assessment and visualization of tissue elasticity can provide the clinician with potentially important information that can be used in the diagnosis of these diseases. Hitachi Real-time Tissue Elastography has been incubated in research facilities for 6 years, commercially available for over 4 years and is now a 2nd generation modality with technological leadership in its field. The diagnostic value has been proven in a variety of different clinical areas, notably breast, urology, pancreas and lymph nodes as a promising diagnostic tool and offers great potential for improving cancer detection and staging.

Elastography is easy to perform, is not time consuming and the elastographic scores have been shown in multicentre studies to be accurate and reproducible[2]".

[1] Kumi Tanaka et al : Dept of Surgery and Diagnostic Imaging, Ito Hospital, Japan : Clinical evaluation of thyroid tumour with real-time tissue elastography : Medix Vol 41
[2] M. Locatelli, G.Rizzatto et al : Characterisation of breast lesions with real-time sonoelastography: results from the Italian multicentre clinical trial : Eur Rad; 17, Suppl 1 / February 2007

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Please contact Barbara Dowell at: b.dowell@hitachi-medical-systems.com for further information

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Introduction To Hitachi Real-time Tissue Elastography (HI-RTE)

'The world's first ultrasound technology that depicts the stiffness of tissue using colour imaging'

PROGRAMME

- **Introduction to Elastography**
  Origins and fundamental features of the technology

- **How does it work**
  Physics outline and technique

- **Clinical Applications**
  Breast | Prostate | Thyroid | Endoscopic | MSK |
  Endo-anal | Liver Fibrosis | Gynaecology | Skin Lesions

- **Clinical validation and ongoing research**
  Global summary of development and research during the last 6 years

- **Summary**
  The future of elastography as a viable clinical tool
  Advantages to your department

- **Questions and Answers**

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Elastography lunchtime seminars can be arranged to suit your timetable and your venue, all that is required is a suitable room and a power point! (We'll provide a light lunch for everyone as well!)
The presentation and discussions usually last about 30 minutes and we would be happy to run two concurrently to accommodate lunch breaks.
CPD accreditation from the College has been granted and we distribute the certificates at the end of the presentation.

ENQUIRY FORM

I would be interested in receiving some further information regarding Elastography (HI-RTE) lunchtime Seminars

Name

Title

Department

Hospital

Address

Phone

Fax

E-Mail

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