PHILIPS

MR Elastography

# Non-invasive assessment
## of liver tissue stiffness

**MR Elastography** allows for a non-invasive assessment of differences in tissue stiffness of the liver in a fast breathhold scan. Image processing is fully integrated at the scanner with automated calculation of Elastograms providing trained physicians with additional input to help make informed decisions about treatment.

RESOUNDANT™

# MR Elastography

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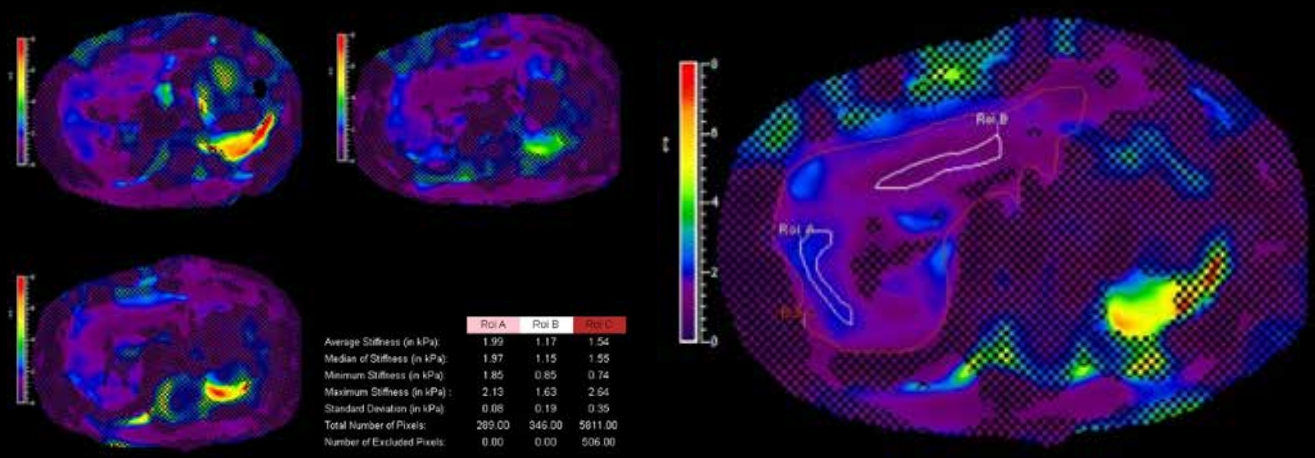
|---|---|
| Field strength | 1.5T, 3.0T. |
| Main applications | Liver. |
| Sequence | 2D FFE phase contrast, synchronized with an external source of mechanical vibration (Resoundant®). |
| Image types | Automated calculation of Elastograms, reflecting tissue stiffness in kPa. Statistical confidence map provided for reliability assessment. |
| Speed | Leverages the efficient dS SENSE parallel imaging technology to provide superior speed performance. |
| Image quality | Optimal signal-to-noise due to dStream's digitization at the patient. |




**MR Elastography**
**Stiffness map (in kPa)**
**1.5 x 4.4 x 10.0 mm, 0:14 min**
**Ingenia 1.5T**



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