
# Elastography-related publications

## Philips ultrasound

### Reproducibility in healthy subjects

**Ling W, Lu Q, Quan J, Ma L, Luo Y.** Assessment of impact factors on shear wave based liver stiffness measurement. *European Journal of Radiology.* 2013;82:335-34.

### Reproducibility in patients, including monitoring (evaluation of) response to treatment

Chronic Virus Hepatitis C, review of the literature (results)

**Ferraioli G, Tinelli C, Lissandrin R, et al.** Point shear wave elastography method for assessing liver stiffness. *World J Gastroenterol.* 2014;20(16):4787-4796.

**Barr R, Ferraioli G, Palmeri M, Goodman Z, Garcia-Tsao G, Rubin J, Garra B, Myers R, Wilson S, Rubens D, Levine D.** Elastography Assessment of Liver Fibrosis: Society of Radiologists in Ultrasound Consensus Conference Statement. ©RSNA 2015. Online supplemental material is available for this article. PMID:26079489.

**Barr R.** Noninvasive liver fibrosis assessment: ElastPQ ultrasound shear wave elastography. *http://www.usa.philips.com/healthcare/solutions/ultrasound/ultrasound-hepatology. LMS 12NC number: 452299117041.*

**Garcovich M, Pompili M, Di Stasio E, Dyrda BE, et al.** Accuracy of a Point Shearwave Elastography Technique (ElastPQ) in the Non-invasive Assessment of Liver Fibrosis in a Large Cohort of Patients. *Journal of Hepatology.* 2016;64:S631-S832 SAT-469.

Chronic Virus Hepatitis B, review of the literature (results)

**Ma J-j, Ding H, Mao F, Sun H-c, Xu C, and Wang W-p.** Assessment of liver fibrosis with elastography point quantification technique in chronic hepatitis B virus patients: A comparison with liver pathological results. *Journal of Gastroenterology and Hepatology.* 2014;29:814-819. doi:10.1111/jgh.12479.

### Normal values

**Ling W, Lu Q, Quan J, Ma L, Luo Y.** Assessment of impact factors on shear wave based liver stiffness measurement. *European Journal of Radiology.* 2013;82:335-34.

**Ferraioli G, Parekh P, Levitov, A, Filice C.** Shear Wave Elastography for Evaluation of Liver Fibrosis. *J Ultrasound Med.* 2014;33:197–203. | 0278-4297. *www.jultrasoundmed.org/content/33/2/197.full.pdf+html.*

**Sporea I, Bota S, Grădinaru-Taşcău O, Şirli R, Popescu A.** Comparative study between two point Shear Wave Elastographic techniques: Acoustic Radiation Force Impulse (ARFI) Elastography and ElastPQ. *Med Ultrason.* 2014;16:309-314.

**Chen S, Sanchez W, Callstrom MR, Gorman B, Lewis JT, Sanderson SO, Greenleaf JF, Xie H, Shi Y, Pashley M, Shamdasani V, Lachman M, Metz S.** Assessment of liver viscoelasticity by using shear waves induced by ultrasound radiation force. *Radiology.* 2013 Mar;266(3):964-70. doi:10.1148/radiol.12120837. Epub 2012 Dec 6.

### Values of liver cirrhosis

**Ferraioli G, Parekh P, Levitov A, Filice C.** Shear Wave Elastography for Evaluation of Liver Fibrosis. *J Ultrasound Med.* 2014;33:197-203. *www.jultrasoundmed.org/content/33/2/197.full.pdf+htm.*

**Sporea I, Bota S, Grădinaru-Taşcău O, Şirli R, Popescu A.** Comparative study between two point Shear Wave Elastographic techniques: Acoustic Radiation Force Impulse (ARFI) elastography and ElastPQ. *Med Ultrason.* 2014;16:309-314.

**Ma JJ, Ding H, Mao F, Sun HC, Xu C, Wang WP.** Assessment of liver fibrosis with elastography point quantification technique in chronic hepatitis B virus patients: A comparison with liver pathological results. *J Gastroenterol Hepatol.* 2014;29:814-819.

**Chen S, Sanchez W, Callstrom MR, Gorman B, Lewis JT, Sanderson SO, Greenleaf JF, Xie H, Shi Y, Pashley M, Shamdasani V, Lachman M, Metz S.** Assessment of liver viscoelasticity by using shear waves induced by ultrasound radiation force. *Radiology.* 2013 Mar;266(3):964-70. doi:10.1148/radiol.12120837. Epub 2012 Dec 6.

**Zhao H, Chen J, Meixner DD, Xie H, Shamdasani V, Zhou S, Robert JL, Urban MW, Sanchez W, Callstrom MR, Ehman RL, Greenleaf JF, Chen S.** Noninvasive Assessment of Liver Fibrosis Using Ultrasoundbased Shear Wave Measurement and Comparison to Magnetic Resonance Elastography. *J Ultrasound Med.* 2014 Sept;33(9):1597-1604. doi:10.7863/ultra.33.9.1597.

**Garcovich M, et al.** P0526: Accuracy of point shear wave elastography technique (elastpq) in the non-invasive assessment of liver fibrosis in various liver diseases. *Journal of Hepatology.* 2015;62:S512.

## Miscellaneous

**Sporea I, et al.** Comparative study between four ultrasound shear wave elastographic methods for liver stiffness assessment. Abstract P0050, UEGW 2015, Barcelona. *United European Gastroenterology Journal.* 2015 Oct; 3(Suppl. 1):A160(Sporea).

**Ferraioli G, et al.** Performance of ElastPQ Shear Wave Elastography Technique for Assessing Fibrosis in Chronic Viral Hepatitis. *J Hepatology.* 2013;58(Suppl.1):S7.

**Sporea I, et al.** Feasibility of four ultrasound shear wave elastographic methods for liver stiffness assessment. Abstract P0051, UEGW 2015, Barcelona. *United European Gastroenterology Journal.* 2015 Oct;3(Suppl.1):A16(Sporea).

**Sporea I, et al.** Intra and interobserver reproducibility of point shear wave elastography using ARFI technique – ElastPQ. Poster at UEGW 2015. *United European Gastroenterology Journal.* 2015 Oct;3(Suppl.1):A522:536(Sporea).

**Sporea I, et al.** The performance of point shear wave elastography using ARFI technique – ElastPQ in chronic hepatopathies. *United European Gastroenterology Journal.* 2015 Oct;3(Suppl.1):A11:25(Sporea).

**Ferraioili G, et al.** Accuracy of the latest release of a point shearwave elastography method for staging liver fibrosis in patients with chronic Hepatitis C. Poster at EASL 2016, Barcelona.

**Qiang L, et al.** Stiffness Value and Serum Biomarkers in Liver Fibrosis Staging: Study in Large Surgical Specimens in Patients with Chronic Hepatitis B. *Radiology.* 2016:151-229.

**Ling W, et al.** Hepatocellular carcinoma: stiffness value and ratio to discriminate malignant from benign focal liver lesions. *Radiology.* 2015 Jun;275(3):880-8.

**Ling W, Lu Q.** Effects of vascularity and differentiation of hepatocellular carcinoma on tumor and liver stiffness: in vivo and in vitro studies. *Ultrasound Med Biol.* 2014 Apr;40(4):739-46.

**Janczewska E, Pisula A, Simon K.** Recommendations for Elastography-Based Imaging of Liver. *Przegl Epidemiol.* 2015;69:317-321.

**Roccarina D, Saffioti F, Rosselli M, Pinzani M.** Liver Stiffness Measured by Acoustic Radiation Force Impulse Quantification in Primary Sclerosing Cholangitis: a Comparison with Transient Elastography Performed by FibroScan and Other Non-invasive Tests. *S740 Journal of Hepatology.* 2016;64:S631–S832.



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