

IQWiG Reports – Commission No. H16-02G

Ultrasound-guided high- intensity focused ultrasound therapy for secondary malignant neoplasms of the bone¹

Executive Summary

¹ Translation of the executive summary of the assessment according to §137h Social Code Book (SGB) V *Sonografiegesteuerte hochfokussierte Ultraschalltherapie bei sekundären bösartigen Neubildungen des Knochens* (Version 1.0; Status: 30 January 2017). Please note: This translation is provided as a service by IQWiG to English-language readers. However, solely the German original text is absolutely authoritative and legally binding.

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Institut für Qualität und Wirtschaftlichkeit im Gesundheitswesen
Im Mediapark 8
50670 Köln
Germany

Phone: +49 221 35685-0

Fax: +49 221 35685-1

E-mail: berichte@iqwig.de

Internet: www.iqwig.de

Medical-scientific advice:

- Heiko Alfke, Klinikum Lüdenscheid, Märkische Kliniken GmbH, Lüdenscheid, Germany

IQWiG thanks the medical-scientific advisor for his contribution to the §137h assessment. The sole responsibility for the content of this assessment lies with IQWiG.

IQWiG employees involved in the assessment:²

- Anne Rummer
- Elke Hausner
- Julia Kreis
- Stefan Sauerland
- Christoph Schürmann

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² Due to legal data protection regulations, employees have the right not to be named.

Executive summary

The Federal Joint Committee (G-BA) commissioned the Institute for Quality and Efficiency in Health Care (IQWiG) to assess ultrasound-guided high-intensity focused ultrasound therapy (USgHIFU) for secondary malignant neoplasms of the bone and the bone marrow according to §137h Social Code Book (SGB) V – Statutory Health Insurance. The therapeutic indication to be assessed was restricted by the requesting hospital to neoplasms not treatable by surgery. The assessment documents were transferred to IQWiG on 19 December 2016.

According to the requesting hospital, the method of USgHIFU aims to destroy tumour tissue in patients with unresectable secondary malignant neoplasms of the bone and bone marrow. The hospital also stated that USgHIFU can be used both alone and in combination with chemotherapy.

No data were submitted that were relevant for the assessment of USgHIFU in unresectable secondary bone tumours.

On the basis of the assessment documents submitted, neither a benefit nor a potential of a required treatment alternative can be inferred for USgHIFU in unresectable secondary malignant neoplasms of the bone and bone marrow.

For this reason, no key points for a testing study are specified for the method.

The full report (German version) is published under <https://www.iqwig.de/en/projects-results/projects/non-drug-interventions/h16-02g-ultrasound-guided-high-intensity-focused-ultrasound-for-secondary-malignant-neoplasms-of-the-bone-assessment-according-to-137h-social-code-book-v.7721.html>.