

High-intensity zone

High-intensity zone (HIZ) In 1992, Aprill and Bogduk first described what is now known as the High-intensity zone (HIZ) seen on [MRI](#) of the [lumbar spine](#). HIZ was a 'high-intensity signal' (bright white) located in the posterior [annulus fibrosus](#). It is clearly dissociated from the signal of the nucleus pulposus in that it is surrounded superiorly, inferiorly, posteriorly, and anteriorly by the low-intensity (black) signal of the annulus fibrosus and is appreciably brighter than the signal of the nucleus ¹⁾.

¹⁾

Aprill C, Bogduk N. High-intensity zone: a diagnostic sign of painful lumbar disc on magnetic resonance imaging. Br J Radiol. 1992 May;65(773):361-9. doi: 10.1259/0007-1285-65-773-361. PMID: 1535257.

From:

<https://neurosurgerywiki.com/wiki/> - **Neurosurgery Wiki**

Permanent link:

https://neurosurgerywiki.com/wiki/doku.php?id=high-intensity_zone

Last update: **2024/06/07 02:51**

