

What is the Jahrsdoerfer Scale?

This 10-point grading scale is called the Jahrsdoerfer or “J” scale, developed by Dr. Robert Jahrsdoerfer, and is used to grade an individual’s ear anatomy. The Jahrsdoerfer scale is used to assess candidacy for atresia repair surgery (canalplasty).

Each anatomic structure is assessed via a CT scan, and given a point if it is favourable. The stapes bone receives 2 points if it is anatomically intact.

It broken down on the following point system:

Scoring for the Jahrsdoerfer Grading System:

The scale is broken down to the following point system:

Stapes bone	2
Oval window open	1
Middle ear space	1
Facial nerve	1
Malleus-incus complex	1
Mastoid pneumatization	1
Incus-stapes connection	1
Round window	1
External ear	1
TOTAL POSSIBLE SCORE	10