

Auditbase

Cochlear Implant Referral Report

CI Eligibility Report

ID: DN02008/01



Auditdata

Copyright notice

No part of this instruction or program may be reproduced, stored in a retrieval system, or transmitted, in any form or by any means, electronic, mechanical, photocopying, recording, or otherwise, without the prior written consent of Auditdata A/S.

Copyright © 2021, Auditdata A/S

Written in Denmark by Auditdata A/S, Denmark.

All information, illustrations, and specifications in this manual are based on the latest product information available at the time of publication.

Auditdata A/S reserves the right to make changes at any time without notice.

Technical support

Please contact your supplier.

Auditdata

Auditdata A/S, Taastrup, Denmark. Phone +45 70 20 31 24.
support@auditdata.com

Auditdata Ltd., Staines-upon-Thames, UK Phone +44 (0) 1784 410400.
support@auditdata.com

Table of Contents

1 INTRODUCTION 4

2 REPORT REQUIREMENTS 4

3 REPORT PARAMETERS 4

4 REPORT FIELDS..... 5

 4.1 Table 1. General fields 5

 4.2 Table 2. Audiogram fields 6

1 Introduction

Cochlear Implant Referral Report is designed to be used to retrospectively identify potential cochlear implant (CI) candidates based on their audiometric thresholds. This report is destined to be used only to export patient data to Excel for further analysis. Kindly note that it is not a diagnostic tool and should not be used as one. Any patients identified through the report should be reviewed by a qualified healthcare professional to make the final determination as to whether they are a suitable candidate for cochlear implantation.

2 Report requirements

In addition to the parameters detailed in section 3, the data must satisfy the following criteria to be included on the report:

- The air conduction (AC) Audiogram must have at least 2 points recorded at 0.5KHz, 1KHz, 2KHz, 3KHz or 4KHz frequencies. The Audiogram must also have at least 2 points recorded over 79 dB in the best ear.
- The best ear is calculated by averaging and comparing the available values in both sides of the Audiogram using AC values only.

Note: Masked values will be used in priority of not-masked values.

3 Report Parameters

The report has three parameters that the user must enter prior to running the report, these are:

1. **Include Parameters** – Yes or No

If Yes is selected the report will only add the latest parameter that starts with “CI” in AuditBase. There are several codes and descriptions that have been identified as standard CI parameters, please contact your Cochlear™ representative for this list.

2. **Data Sharing** – “Internal”, “External – Age & Gender” or “External – Fully Anonymised”.

The “Internal” selection is designed to be used within the department and not exported to external bodies. It includes personally identifiable information, including the patient’s name and hospital/case number, as well as their Age (not D.O.B) and Gender.

“External – Age & Gender” will remove the patient’s name and hospital/case number.

“External – Fully Anonymised” will also remove the patient’s Gender and Age.

3. **Date Range** – Start and end dates.

The patient’s Audiogram must be within the dates selected.

4 Report Fields

Table 1 lists the fields in the output of the report, with the exception of the Audiogram fields. The Audiogram field titles are made up using each character to represent a word, which is detailed in *Table 2*.

4.1 Table 1. General fields

Title	Description
Patient Code	This uniquely and anonymously identifies the patient so that communication with 3 rd parties that have an export of the anonymised report can reference the record of a particular patient in the report.
Patient Name (internal report only)	The patient’s title, first name and surname.
Hosp No (internal report only)	The patient’s hospital or case number.
Age	Calculated from the patient’s date of birth and the date that the report was created.
Sex	Patient’s gender.
Parameter	Displays the latest parameter that has “CI” as the first 2 characters

Audiogram Date	The latest Audiogram date.
AB Gap Right	Calculates the difference between average Air and Bone conduction thresholds in the right ear.
AB Gap Left	Calculates the difference between average Air and Bone conduction thresholds in the left ear.
Speech Test	Displays the value in the Result field of the Other speech test in Auditbase
Latest Fit	Displays the latest date of fitting from the Stock Module that is currently Issued.

4.2 Table 2. Audiogram fields

Character	Possible values and example	description
1 (Air or Bone conduction)	A or B AR3	A = Air conduction B = Bone conduction
2 (Right or Left ear)	R or L AR3	R = Right ear L = Left ear
3 (Frequency)	0.5, 1, 2, 3 or 4 AR3	0.5 = 500MHz 1 = 1KHz 2 = 2KHz 3 = 3KHz 4 = 4KHz
4 (Masked)	Yes or blank AR3M	Yes = Masking applied Blank = no masking applied
5 & 6 (Not Reached)	Yes or blank AR3NR	Yes = Not Reached Blank = Reached

Each point on the Audiogram is separated into 3 fields:

Field 1 has the first 3 characters as the title (e.g., AR3) and contains the sound level recorded.

Field 2 has the first 3 characters plus character 4 (AR3M) and indicates if masking was applied to that point.

Field 3 has the first 3 characters plus characters 4 & 5 (AR3NR) to indicate if the point was reached or not.