

## Nordic Casemix Centre - Case #251

Task # 11 (Closed): Delivery of minor update proposals for NordDRG 2015

### Chronic laryngitis

2014-02-18 12:19 - Anonymous

<b>Status:</b>	Accepted	<b>Start date:</b>	2014-02-13
<b>Priority:</b>	Minor	<b>Spent time:</b>	0.00 hour
<b>Assignee:</b>	Mats Fernström		
<b>Category:</b>			
<b>Target version:</b>	Expert Group 2014		
<b>Initiator:</b>	Sweden	<b>Target year:</b>	2015
<b>Case type:</b>		<b>Owner / responsible:</b>	Nordic Casemix Centre
<b>MDC:</b>		<b>Old forum status:</b>	
<b>Target Groupers:</b>	COMMON, DEN, EST, FIN, ICE, LAT, NOR, SWE		

#### Description

National ID: NPK ID 535

Initiated: 2013-11-13

Initiator: NPK, Sweden

#### Problem

The Swedish National Board of Health and Welfare (SOS) makes own definition tables parallel to the process at the Nordic Casemix Centre (NCC) and the current problem was discovered during routine comparison between SWE2014CC-SOS-PR02 (SOS version) and SWE2014PR0F (NCC version) in the autumn 2013.

The J37 diagnosis codes (Chronic laryngitis and laryngotracheitis) have had DGCAT 03M05 for at least 10 years in the Swedish versions of NordDRG. Late in the updating process for version 2014 Martti wanted to change DGCAT to 03M08 for the J370 codes (including the Swedish subcodes) with the motivation that it was an "adjustment between the Nordic versions, must be the same in all versions". We did not accept the change in the SOS version.

We agree that the codes should have the same DGCAT in all versions but it has never been discussed whether 03M05 or 03M08 is the best property.

#### Analysis

DGCAT 03M05 leads to DRG C35 (DRG 70 in Common) with the text "Otitis media and upper respiratory infections" and DGCAT 03M08 leads to DRG C48/C49 (DRG 73/74 in Common) with the text "Other ear, nose, mouth & throat diagnoses". In a medical descriptive perspective we think that DRG C35/70 is a better alternative, especially since DRG C48/C49/73/74 are heterogeneous rest groups.

We have done an economic analysis (see table below).

Swedish KPP data, 2011

DRG	Selection	N	Mean
C35E ÖLI & otitis media U	All cases	5 207	18 751
C35E ÖLI & otitis media U	J37 cases	52	19 549
C48E Andra sjd öra näs mun hals >17 U	All cases	1 028	20 608
C49N Andra sjd öra näs mun hals <18	All cases	385	17 053

According to this the mean cost for the J37 cases is somewhat closer to the mean cost for all DRG C35E than for the mean costs for DRG C48/C49.

Thus we think that DRG C35/70 is a better alternative for the J37 cases, also in an economic perspective and therefore DGCAT 03M05 is better than 03M08 for the J370 codes.

## Suggestion

**NPK, Sweden – 2014-01-29**

Based on the analysis above we suggest that the DGCAT value is changed from 03M08 to 03M05 in all versions of NordDRG. See [Suggestion NPK ID 535](#).

## History

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**#1 - 2014-03-13 14:04 - Anonymous**

- Parent task set to #11

**#2 - 2014-03-14 00:00 - Martti Virtanen**

2014-03-13 Martti Virtanen

I agree with Swedish reasoning. Do the other countries have any comparable results?

This is the same problem as in case #123 and #298 which can be omitted.

**#3 - 2014-03-17 18:34 - Martti Virtanen**

- Description updated

**#4 - 2014-03-24 16:30 - Anonymous**

Comment Expert Group 2014-03-24

Change accepted according to swedish proposal.

**#5 - 2014-03-27 17:12 - Martti Virtanen**

2014-03-27 Martti Virtanen

### Technical change

J370 Chronic laryngitis and all linked codes shall have DGCAT 03M05

### DRG change

The cases will be assigned to DRG 070 (C35) instead of DRG 73-74 (C48-C49)

**#6 - 2014-04-15 12:56 - Anonymous**

- Target Groupes COMMON, DEN, EST, FIN, ICE, LAT, NOR, SWE added

**#7 - 2014-09-11 10:02 - Martti Virtanen**

2014-09-11 Martti Virtanen Nordic Casemix Centre

A further additional detail to this discussion:

The codes

J381B 'Reinke's edema'

J381D 'Oedema of vocal cords'

are linked to J3700 'Chronic laryngitis' and not to J3810 'Polyp of vocal cord and larynx' in ICD+.

The linkage is reasonable since J381D does indicate any polyp and J381B is a condition with chronic inflammatory changes resembling polyps. The question is, are inflammatory polyps, polyps or chronic inflammation.

J3810 belongs to diagnosis category 03M09 but due to this decision J381B and J381D will be moved to diagnosis category 03M05.

**#8 - 2015-02-06 10:49 - Anonymous**

- Status changed from Active to Further active

**#9 - 2015-02-24 17:20 - Ralph Dahlgren**

The ICD-codes J381B Reinkeödem ('Reinke's edema') and J381D Randstående stämbandsödem ('Oedema of vocal cords') are not infections.

This means that the codes should not have the DGCAT 03M05 Otitis media and upper respiratory infection. Instead it should have the DGCAT 03M08 Other ear, nose, mouth and throat diagnoses. This means that the code has to be linked to another ICD+ code than J3700

**#10 - 2015-03-26 20:36 - Martti Virtanen**

2015-03-13 Expert group/MV

It is obvious that mapping has to be changed in a way that will solve the problem.

**#11 - 2015-03-26 21:18 - Martti Virtanen**

- File Case #251 Technical changes - J381B adn J381D.xlsx added

2015-03-26 Martti Virtanen

This problem basically illustrates the fact that chronic laryngitis is actually not an infectious disease but an inflammation.

However to solve the problem I propose that we link J381B and J381D to J38700

**#12 - 2016-08-30 11:15 - Anonymous**

- Status changed from Further active to Accepted

**Files**

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2014-CPK-ID-535.jpg	18.3 KB	2014-02-18	Anonymous
Suggestion CPK ID 535.xls	35.5 KB	2014-02-18	Anonymous
Case #251 Technical changes - J381B adn J381D.xlsx	11.2 KB	2015-03-26	Martti Virtanen