

Nordic Casemix Centre - Case #225
Case 2009-GEN-05 Hierarchy in transplantation

2014-01-30 13:44 - Anonymous

Status: Accepted	Start date: 2014-01-30
Priority: Error correction	Spent time: 0.00 hour
Assignee:	
Category:	
Target version: Expert Group 2009	
Initiator: Sweden	Target year: 2010
MDC: GEN	Owner / responsible:
Target Grouper: COMMON	Old forum status: CLOSITEM - Closed item

Description

Last updated: 2010-04-09
Status: CLOSITEM - Closed item
Error corrected by Nordic Centre
Initiated: 2009-04-16
By: Eva Nilsson, VGR/CPK, Sweden
Expert Network 2010-03-12 - Correction recommended
Board 2010-04-09 - Recommendation accepted

Problem:

CPK ID 301

A patient that goes through a heart transplant (FQA00) and a kidney transplant (KAS10) at the same time will go to DRG 302 (Weight 8,358). If the kidney transplant is not recorded the patient will go to DRG 103 (Weight 22,1573).

Analysis:

According to the hierarchy of the NordDRG logic the kidney transplant (400D3003) comes before heart transplant (400D3004).

Ord	DRG	Swe weight
400D3001	495 Lung transplant	24,9641
400D3002	191A Pancreas transplant	16,4000
400D3003	302 Kidney transplant	8,3858
400D3004	103 Heart transplant	22,1573

This is obviously wrong. The order should follow the weights.

Suggestion:

Change the hierarchy order of heart transplant to come before pancreas transplant. Such a change can be done without any further investigation. We think that this is an error that can be corrected by the Nordic Casemix Centre in the 2010 version without discussion in the expert network (but it should be documented in the NordDRG Forum).

COMMENTS:

Martti Virtanen 2009-07-22

I agree with Mats. The data from Finland supports the Swedish data although in the somewhat old data there were no pancreas transplants. In the Finnish data heart transplant was somewhat more expensive than lung transplant patients. Since transplantation of

heart and lung has its own code that is included in heart transplants, this is not a problem any way.

Nordic Centre, Martti Virtanen 2009-10-07

DRG 103 is moved between DRG 495 and DRG 191A.

It is also questionable whether stem cell transplantations are more expensive than lung and heart transplantations. However, they probably never are done simultaneously.

Expert Network 2010-03-12

The meeting recommended accepting the correction.

CHANGES:

Technical Change

Rule 400D3004 'Heart transplant' is moved before rule 400D3002.

DRG Change:

Cases with simultaneous heart and other organ than lung transplant are assigned to DRG 103.

Introduction:

NordDRG 2010

History

#1 - 2014-03-11 12:37 - Anonymous

- Case type deleted (Error correction)

- Priority changed from Normal to Error correction

Files

2009-GEN05.jpg	11.5 KB	2014-01-30	Anonymous
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