

## Nordic Casemix Centre - Case #174

### Case 2010-MDC06-02 Collapse DRG 705O and 710O

2014-01-13 13:15 - Anonymous

<b>Status:</b> Accepted	<b>Start date:</b> 2014-01-13
<b>Priority:</b> Normal	<b>Spent time:</b> 0.00 hour
<b>Assignee:</b>	
<b>Category:</b>	
<b>Target version:</b> Expert Group 2010	
<b>Initiator:</b> Sweden	<b>Target year:</b> 2011
<b>MDC:</b> MDC06	<b>Owner / responsible:</b>
<b>Target Grouper:</b> COMMON	<b>Old forum status:</b> CLOSITEM - Closed item

#### Description

Last updated: 2010-04-09

Status: CLOSITEM - Closed item

Initiated: 2009-04-22

By: CPK, Sweden

Expert Network 2010-03-12 - Change recommended

Board 2010-04-09 - Recommendation accepted

#### BACKGROUND

CPK ID 302

#### Problem

A DRG user found it wrong that JFA15 (Endoskopisk polypektomi i kolon) is paid less than UJF35 (Koloskopi med biopsi). JFA15 is grouped to DRG 705O (Terapeutisk koloskopi, öppenvård) with the weight 0,0861 and UJF35 is grouped to DRG 710O (Koloskopi, öppenvård) with the weight 0,1063 (Swedish weights 2010). If both JFA15 and UJF35 are registered the case will be grouped to the cheaper DRG 705O.

#### Analysis

The following table is from the Swedish cost database for outpatients 2008.

DRG 7050 Terapeutisk koloskopi, öppenvård	N	Min	Max	Mean	Median	cv	diff från DRG 7100
<b>Totalt</b>	<b>3 002</b>	<b>1 023</b>	<b>33 777</b>	<b>3 948</b>	<b>3 609</b>	<b>57</b>	<b>-10%</b>
JFA15 Endoskopisk polypektomi i kolon	2 293	1 023	33 777	3 892	3 553	61	-11%
JFA42 Endoskopisk injektionsbehandling i kolon	23	1 859	6 875	3 554	3 185	40	-19%
JFA45 Endoskopisk koagulation i kolon	289	1 246	16 496	3 812	3 530	47	-13%
JFA48 Endoskopisk laserterapi i kolon	17	1 067	5 287	3 248	4 392	54	-26%
JFA52 Annat endoskopiskt hemostatiskt ingrepp i kolon	22	2 022	11 148	5 092	4 634	39	17%
JFA55 Annat endoskopiskt lokalt ingrepp med diatermi eller värme i kolon	285	1 308	9 164	4 365	4 765	27	0%
JFA58 Endoskopisk dilatation av kolon	69	1 281	9 785	4 572	4 228	52	5%
JFA98 Annan transluminal endoskopisk lokal operation på tunntarm eller kolon	3	2 322	5 024	3 915	4 400	36	-10%
JFW98 Annan transluminal endoskopisk operation på tunntarm eller kolon	1	4 424	4 424	4 424	4 424	.	1%
<b>DRG 7100 Koloskopi, öppenvård</b>	<b>N</b>	<b>Min</b>	<b>Max</b>	<b>Mean</b>	<b>Median</b>	<b>cv</b>	
<b>Totalt</b>	<b>13 495</b>	<b>512</b>	<b>187 224</b>	<b>4 366</b>	<b>4 147</b>	<b>84</b>	
JFA12 Endoskopisk extraktion av främmande kropp i kolon	2	1 859	3 553	2 706	2 706	44	
UJF32 Koloskopi	6 418	512	119 323	4 028	3 330	87	
UJF35 Koloskopi med biopsi	7 075	1 000	187 224	4 673	4 395	80	

Cost data clearly shows that polypectomy (JFA15) is less expensive than colonoscopy with biopsy (UJF35) and also that therapeutic colonoscopy on the whole (DRG 7050) is less expensive than diagnostic colonoscopy (DRG 7100). One reason for this is probably high PAD costs for diagnostic colonoscopy.

One way to solve the problem is to change the hierarchy in drglogic and move the rules for DRG 7100 to places before the rules for DRG 7050 according to the principle "most expensive comes first" but people will probably still think that "therapeutic" must be more expensive than "diagnostic".

### Suggestion

CPK suggest another solution, namely to collapse therapeutic and diagnostic colonoscopies into one group. The mean cost for DRG 7050 and 7100 differs only with 10 % and, as a matter of fact, none of the procedures in DRG 7050 fulfil the criteria for a split, if all the procedures had been in the same DRG from the beginning.

### COMMENTS

#### Expert Network 2010-03-12

The meeting recommended accepting the proposal to put DRG 7050 and 7100 together to one DRG Coloskopi. It was also proposed that the other endoscopies even should be investigated.

### CHANGES

#### Technical change

Procedure properties ending E05 are changed to corresponding E10 ending properties (06E05, 17E05 or 21E05). However, 07E05 is changed to 07E14, see table [2010-MDC06-02 Collapse DRG 7050 and 7100](#).

#### DRG change

Cases of DRG 7050 are combined to DRG 7100 with the exception of hepatobiliary problems that are assigned to DRG 7140.

## Introduction

2011

## Files

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2010-MDC06-02.jpg	54.6 KB	2014-01-13	Anonymous
2010-MDC06-02_Collapse_DRG_705O_and_710O.xls	28 KB	2014-01-13	Anonymous