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Confidential Coding Review For
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Patient: A	Date of Service: 9/9/2010	Physician: ---------, MD

Original Coding RVUs	The Coding Network Coding RVUs	Discussion
22612 ....42.11	22612 .... 42.11	• **Modifier's x 3 –** A -51 modifier was added to CPT 22630, as this code has a multiple surgery reduction rule attached to it. The -59 modifiers were removed from both 63048's as these codes don't edit with any of the other codes per CCI edits. Only CPT 63047 does.
22614 ....10.65	22614 .... 10.65	
22614 ....10.65	22614 .... 10.65	
22630 ....40.51	22630-51 .... 40.51	
22632 .... 8.68	22632 .... 8.68	
63047-59 ....28.79	63047-59 .... 28.79	
63048-59 .... 5.75	63048 .... 5.75	
63048-59 .... 5.75	63048 .... 5.75	
22842 ....20.80	22842 .... 20.80	
22851 ....11.10	22851 .... 11.10	
22851-59 ....11.10	22851-59 .... 11.10	
20936 .... 0.00	20936 .... 0.00	
20930 .... 0.00	20930 .... 0.00	
Total...................................**195.89**	**Total** **195.89**	
	Difference.............................. 0.00	

Diagnoses	Diagnoses	Discussion
724.02 Spinal stenosis of lumbar region	724.02 Spinal stenosis of lumbar region	• **Missed Dx –** Lumbar scoliosis was also documented in the report, so this Dx was added.
722.52 Degeneration of lumbar or lumbosacral intervertebral disc	722.52 Degeneration of lumbar or lumbosacral intervertebral disc	
738.4 Acquired spondylolisthesis	738.4 Acquired spondylolisthesis	
	737.30 Scoliosis (and kyphoscoliosis), idiopathic	

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Patient: B	Date of Service: 9/13/2010	Physician: ++++++++, MD

Original Coding RVUs	The Coding Network Coding RVUs	Discussion
22612-62 .... 42.11 22614-62 .... 10.65 22614-62 ....10.65 22614-62 .... 10.65 22614-62 .... 10.65 22614-62 .... 10.65 22614-62 .... 10.65 22614-62 .... 10.65 22614-62 .... 10.65 22630-62 .... 40.51 63047-62-59 .... 28.79 63048-62-59 .... 5.75 63048-62-59 .... 5.75 63048-62-59 .... 5.75 63048-62-59 .... 5.75 22843 .... 22.08 22851 .... 11.10 20936 .... 0.00 20930 .... 0.00 **Total....................................236.39**	22612-62 ....42.11 22614-62 ....10.65 22614-62 ....10.65 22614-62 ....10.65 22614-62 ....10.65 22614-62 ....10.65 22614-62 ....10.65 22614-62 ....10.65 22614-62 ....10.65 22630-62-51 ....40.51 63012-62-59 ....28.79 63047-62-59 ....28.79 63048-62 .... 5.75 63048-62 .... 5.75 63048-62 .... 5.75 63048-62 .... 5.75 22843 ....22.08 22851 ....11.10 22848 .... 9.80 20936 .... 0.00 20930 .... 0.00 **Total....................................277.36** *Difference ..... - 40.97 Undervalued*	• **Missed Procedure x 2 –** There was also a gill procedure that was performed at L5 unrelated to the laminectomy/facetectomy/foraminotomy that was performed at L1-L5 & S1 (63012 was added). Also, there was instrumentation that was also placed at the ilium, so CPT 22848 was also added • **Modifier's x 5 –** The 51 modifier was added to CPT 22630 as this code has a multiple surgery reduction rule attached to it. Also, the 59 modifiers were removed from the 63048 CPT's as these codes don't edit from any of the other codes per CCI edits.
Diagnoses	Diagnoses	Discussion
722.83 Postlaminectomy syndrome, lumbar region 738.4 Acquired spondylolisthesis 724.02 Spinal stenosis of lumbar region 722.52 Degeneration of lumbar or lumbosacral intervertebral disc	722.83 Postlaminectomy syndrome, lumbar region 738.4 Acquired spondylolisthesis 724.02 Spinal stenosis of lumbar region 722.52 Degeneration of lumbar or lumbosacral intervertebral disc	• **Correct.**

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Patient: C	Date of Service: 9/14/2010	Physician: ++++++++, MD

Original Coding	RVUs	The Coding Network Coding	RVUs	Discussion
22326-62	38.66	22326-62	38.66	**• Missed Procedures x 4 –** 63076-62; 22585-62 & 22851-80-59 were added; there were 5 anterior cervical diskectomies with decompression/fusion & cages, but only 4 were coded (C3-C4; C4-C5; C5-C6; C6-C7 & C7-T1). Also, posterolateral fusion was done from C3-T1, so 1 unit of 22614-62 added.
63075-62	36.16	63075-62-51	36.16	
63076-62	6.77	63076-62	6.77	
63076-62	6.77	63076-62	6.77	
63076-62	6.77	63076-62	6.77	
22554-62	33.47	63076-62	6.77	
22585-62	9.14	22554-62-51	33.47	
22585-62	9.14	22585-62	9.14	
22585-62	9.14	22585-62	9.14	
22600-62	33.31	22585-62	9.14	**• Billed But Not Done / Documented x 3 –** Eliminated 1 unit of 63048-62 as decompression of only 2 nerve roots was reported, not 3. TCN removed 20936-80 & 20930-80 as they don't allow an assistant
22614-62	10.65	22585-62	9.14	
22614-62	10.65	22600-62-51	33.31	
22614-62	10.65	22614-62	10.65	
63045-62-59	33.25	22614-62	10.65	
63048-62-59	5.75	22614-62	10.65	
63048-62-59	5.75	22614-62	10.65	
22842-80	20.80	63045-62-59	33.25	
22851-80	11.10	63048-62	5.75	**• Modifiers x 4 –** TCN added 51 modifiers to CPT's 63075; 22554 & 22600 as they have a multiple surgery reduction rule; removed the 59 modifier from 63048 not needed
22851-80-59	11.10	22842-80	20.80	
22851-80-59	11.10	22851-80	11.10	
22851-80-59	11.10	22851-80-59	11.10	
20936-80	0.00	22851-80-59	11.10	
20930-80	0.00	22851-80-59	11.10	
		22851-80-59	11.10	
Total	**331.23**	**Total**	**363.14**	
		Difference ..... - 31.91 Undervalued		

Diagnoses	Diagnoses	Discussion
721.0 Cervical spondylosis without myelopathy 723.0 Spinal stenosis in cervical region 738.4 Acquired spondylolisthesis 722.4 Degeneration of cervical intervertebral disc	721.0 Cervical spondylosis without myelopathy 723.0 Spinal stenosis in cervical region 738.4 Acquired spondylolisthesis 722.4 Degeneration of cervical intervertebral disc	**• Correct.**

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Patient: D	Date of Service: 9/21/2010	Physician: +++++++, MD
Original Coding RVUs 22612 ....42.11 22614 ....10.65 22630 ....40.51 63047-59 ....28.79 63048-59 .... 5.75 22851 ....11.10 20930 ....0.00 20936 ....0.00 **Total..................................138.91**	**The Coding Network Coding** RVUs 22612 .... 42.11 22614 .... 10.65 22630-51 .... 40.51 22849-51 .... 34.41 63047-59 .... 28.79 63048 .... 5.75 22830-59 .... 21.17 22851 .... 11.10 20930 .... 0.00 20936 .... 0.00 **Total .... 194.49** ***Difference..... - 55.58 Undervalued***	Discussion • **Missed Procedure x 2 –** Posterior Instrumentation was replaced, but was not coded (22849). The previous fusion at L5 was explored, and not refused, and no instrumentation was removed as well. This allows the exploration code to be paid (22830-59). • **Modifiers x 2 –** A 51 modifier was added to 22630, as this code has a multiple surgery reduction rule attached to it. The 59 modifier was removed from 63048 as there is no CCI edit code associated with the others
Diagnoses 722.83 Postlaminectomy syndrome, Lumbar region 724.02 Spinal stenosis of lumbar region 722.52 Degeneration of lumbar or lumbosacral intervertebral disc 722.10 Displacement of lumbar intervertebral disc without myelopathy	Diagnoses 722.83 Postlaminectomy syndrome, Lumbar region 724.02 Spinal stenosis of lumbar region 722.52 Degeneration of lumbar or lumbosacral intervertebral disc 722.10 Displacement of lumbar intervertebral disc without myelopathy	Discussion • **Correct.**

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Patient: E	Date of Service: 9/13/2010	Physician: XXXXXX, MD

Original Coding RVUs	The Coding Network Coding RVUs	Discussion
22612 .... 42.11 22614 .... 10.65 22614 .... 10.65 22630 .... 40.51 22632 ....8.68 63047-59.......................................28.79 63048-59..5.75 63048-59..5.75 22842 .... 20.80 22850 .... 18.77 22851 .... 11.10 22851-59.......................................11.10 38220 ....1.67 20930 ....0.00 20936 ....0.00 **Total 216.33**	22612..42.11 22614..10.65 22614..10.65 22630-51......................................40.51 22632..8.68 63047-59......................................28.79 63048..5.75 63048..5.75 22842..20.80 22850-51......................................18.77 22851..11.10 22851-59......................................11.10 38220-51..1.67 20930..0.00 20936..0.00 **Total................................216.33** ***Difference 0.00***	• **Modifiers x 5 –** Modifier 51 was added to CPT's 22630, 22850 & 38220 as all of these codes have a multiple surgery reduction rule attached to it. Modifier 59 was removed from CPT's 63048 as there is no CCI edit with any of these codes, and modifier 59 is not required.
Diagnoses	Diagnoses	Discussion
722.52 Degeneration of lumbar or lumbosacral intervertebral disc 724.3 Sciatica 738.4 Acquired spondylolisthesis 733.82 Nonunion of fracture	722.52 Degeneration of lumbar or lumbosacral intervertebral disc 724.3 Sciatica 738.4 Acquired spondylolisthesis 996.49 Mechanical complication of other internal orthopedic device, implant and graft	• **Wrong Dx –** 733.82 was changed to 996.49 as this was a previous fusion graft that caused pseudoarthrosis causing nonunion of the spinal joint, not a nonunion of a previous fracture

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Patient: F	Date of Service: 9/22/2010	Physician: XXXXXXXX, MD

Original Coding RVUs	The Coding Network Coding RVUs	Discussion
22612..42.11	22612.. 42.11	• **Modifiers x 5 –** Modifier 51 was added to CPT 22630 as this code has a multiple surgery reduction rule attached to it. Modifier 59 was removed from CPT's 63048, as there is no CCI edit with these codes, so modifier 59 is not required.
22614..10.65	22614.. 10.65	
22614..10.65	22614.. 10.65	
22614..10.65	22614.. 10.65	
22614..10.65	22614.. 10.65	
22614..10.65	22614.. 10.65	
22614..10.65	22614.. 10.65	
22614..10.65	22614.. 10.65	
22630..40.51	22630-51 .... 40.51	
22632.. 8.68	22632.. 8.68	
63047-59 ....28.79	63047-59 .... 28.79	
63048-59 .... 5.75	63048.. 5.75	
63048-59 .... 5.75	63048.. 5.75	
63048-59 .... 5.75	63048.. 5.75	
63048-59 .... 5.75	63048.. 5.75	
22843..22.08	22843.. 22.08	
22851..11.10	22851.. 11.10	
22851-59 ....11.10	22851-59 .... 11.10	
20936.. 0.00	20936.. 0.00	
20930.. 0.00	20930.. 0.00	
Total 240.18	**Total.................................240.18**	
	Difference 0.00	

Diagnoses	Diagnoses	Discussion
721.3 Lumbosacral spondylosis without myelopathy	721.3 Lumbosacral spondylosis without myelopathy	• **Correct.**
738.4 Acquired spondylolisthesis	738.4 Acquired spondylolisthesis	
724.3 Sciatica	724.3 Sciatica	

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Patient: G.	Date of Service: 9/1/2010	Physician: XXXXXXXX, MD

Original Coding RVUs	The Coding Network Coding RVUs	Discussion
63075 .... 36.16 63076 .... 6.77 22554 .... 33.47 22585 .... 9.14 22600 .... 33.31 22614 .... 10.65 22614 .... 10.65 22614 .... 10.65 22614 .... 10.65 22614 .... 10.65 22614 .... 10.65 22843 .... 22.08 22845 .... 19.97 20936 .... 0.00 20930 .... 0.00 **Total 224.80**	63015 .... 38.74 63075-51 .... 36.16 63076 .... 6.77 22554-51 .... 33.47 22585 .... 9.14 22600-51 .... 33.31 22614 .... 10.65 22614 .... 10.65 22614 .... 10.65 22614 .... 10.65 22614 .... 10.65 22843 .... 22.08 22845 .... 19.97 22851 .... 11.10 22851-59 .... 11.10 20936 .... 0.00 20930 .... 0.00 **Total .... 275.09** ***Difference ..... - 50.29 Undervalued***	• **Missed Procedure x 3 –** CPT 63015 was added as a decompressive laminectomy (only) was performed from C3 to T1. Two cages were also placed, so I added CPT's 22851 X 2 • **Billed But Not Done or Documented –** There was a posterior fusion from C3 to T2 so there was one too many 22614's coded, so I removed one of them. • **Modifiers x 3 –** Modifier 51 was added to CPT's 63075, 22554 & 22600 as these codes have a multiple surgery reduction rule attached to them.

Diagnoses	Diagnoses	Discussion
722.4 Degeneration of cervical intervertebral disc 733.82 Nonunion of fracture 723.4 Brachial neuritis or radiculitis nos. 305.1 Nondependent tobacco us disorder	722.4 Degeneration of cervical intervertebral disc 996.49 Mechanical complication of other internal orthopedic device, implant and graft 305.1 Nondependent tobacco us disorder	• **Wrong Dx x 2 -** 733.82 changed to 996.49. A previous fusion graft caused pseudoarthrosis resulting in nonunion of spinal joint, not a nonunion of a previous fx. Also, per ICD-9 rules, any DX from the 722.* range includes pain & radiculopathy, so 723.4 was deleted.

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Patient: H.	Date of Service: 9/20/2010	Physician: XXXXXXXXXX, MD

Original Coding	RVUs	The Coding Network Coding	RVUs	Discussion
22612	42.11	22612	42.11	• **Missed Procedure –** Posterior Instrumentation was removed at L4 to S1 – CPT 22852 was added to the coding
22614	10.65	22614	10.65	
22614	10.65	22614	10.65	
22614	10.65	22614	10.65	• **Wrong Code –** CPT 22847 was changed to 22843 as this was posterior instrumentation. 22847 is only for anterior instrumentation
22614	10.65	22614	10.65	
22614	10.65	22614	10.65	
22614	10.65	22614	10.65	
22614	10.65	22614	10.65	• **Modifier –** Modifier 51 was added to CPT 63047 as this code has a multiple surgery reduction rule attached to it.
63047	28.79	63047-51	28.79	
63048	5.75	63048	5.75	
63048	5.75	63048	5.75	
63048	5.75	63048	5.75	
22847	23.58	22843	22.08	
20936	0.00	22852-59	17.93	
20930	0.00	20936	0.00	
		20930	0.00	
Total	**144.17**	**Total**	**160.60**	
		Difference ..... - 16.43 Undervalued		

Diagnoses		Diagnoses		Discussion
721.3	Lumbosacral spondylosis without myelopathy	721.3	Lumbosacral spondylosis without myelopathy	• **Correct.**
737.30	Scoliosis (and Kyphoscoliosis) idiopathic	737.30	Scoliosis (and Kyphoscoliosis) idiopathic	
724.3	Sciatica	724.3	Sciatica	
V45.4	Arthrodesis status	V45.4	Arthrodesis status	

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Patient: I.	Date of Service: 8/31/2010	Physician: /////////////, MD

Original Coding	RVUs	The Coding Network Coding	RVUs	Discussion
63075	36.16	63081	46.71	• **Wrong Code x 2 –** A corpectomy was performed at C5, which included a diskectomy below and above that vertebral body. 63075 & 63076 was changed to CPT 63081
63076	6.77	22554-51	33.45	
22554	33.45	22585	9.14	
22585	9.14	22600-51	33.31	
22600	33.31	22614	10.65	
22614	10.65	22614	10.65	• **Modifiers x 6 –** A 51 modifier was added to CPT 22554 & 22600 as these codes have a multiple surgery reduction rule attached to them. The 59 modifiers were removed from CPT's 63048 as they don't have any bundling editing with any of the other codes per CCI edits.
22614	10.65	22614	10.65	
22614	10.65	63045-59	33.25	
63045-59	33.25	63048	5.75	
63048-59	5.75	63048	5.75	
63048-59	5.75	63048	5.75	
63048-59	5.75	63048	5.75	
63048-59	5.75	22842	20.80	
22842	20.80	22845	19.97	
22845	19.97	20931	3.03	
20931	3.03	20936	0.00	
20936	0.00			
Total	**250.83**	**Total**	**254.61**	
		Difference .... - 3.78 Undervalued		

Diagnoses		Diagnoses		Discussion
721.1	Cervical spondylosis with myelopathy	721.1	Cervical spondylosis with myelopathy	• **Correct.**
723.7	Ossification of posterior longitudinal ligament in cervical region	723.7	Ossification of posterior longitudinal ligament in cervical region	

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Patient: J	Date of Service: 9/24/2010	Physician: ///////////, MD
Original Coding RVUs 22612 ....42.11 22630 ....40.51 63047-59 ....28.79 22842 ....20.80 22851 ....11.10 20930 .... 0.00 20936 .... 0.00 **Total...................................143.31**	The Coding Network Coding RVUs 22612 .... 42.11 22630-51 .... 40.51 63047-59 .... 28.79 22842 .... 20.80 22850-51 .... 18.77 22851 .... 11.10 20930 .... 0.00 20936 .... 0.00 **Total .... 162.08** ***Difference..... - 18.77 Undervalued***	Discussion • **Missed Procedure –** Previously placed instrumentation was removed at L5-S1, so CPT 22850 was added to the coding • **Modifiers –** A 51 modifier was added to CPT 22630 as this code has a multiple surgery coding reduction rule attached to it.
Diagnoses 738.4 Acquired spondylolisthesis 722.52 Degeneration of lumbar or lumbosacral intervertebral disc 724.02 Spinal stenosis of lumbar region	Diagnoses 738.4 Acquired spondylolisthesis 722.52 Degeneration of lumbar or lumbosacral intervertebral disc 724.02 Spinal stenosis of lumbar region	Discussion • **Correct.**

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Patient: K	Date of Service: 9/7/2010	Physician: ////////////, MD
<u>Original Coding</u> RVUs 22612 .... 42.11 22614 .... 10.65 22614 .... 10.65 22614 .... 10.65 63047-59.................................. 28.79 63048-59.................................... 5.75 63048-59.................................... 5.75 22830-59.................................. 21.17 22842 .... 20.80 20936 .... 0.00 **Total 156.32**	<u>The Coding Network Coding</u> RVUs 22612.......................................42.11 22614.......................................10.65 22614.......................................10.65 22614.......................................10.65 63047-51...................................28.79 63048...5.75 63048...5.75 22830-59...................................21.17 22842.......................................20.80 22848...9.80 20936...0.00 **Total....................................166.12** *Difference .... - 9.80 Undervalued*	<u>Discussion</u> • **Missed Procedure –** CPT 22848 was added due to the instrumentation placed on the iliacs • **Modifiers x 3 –** The 59 modifier was changed to a 51 modifier on 63047 as this code doesn't bundle with a posterolateral fusion only. The 59 modifiers were removed from the 63048's as these also don't bundle.
<u>Diagnoses</u> 733.82 Nonunion of fracture 724.6 Disorders of sacrum 805.4 Closed fracture of lumbar vertebra without mention of spinal cord injury	<u>Diagnoses</u> 996.49 Other mechanical complication of other internal orthopedic device, implant, and graft 718.88 Other joint derangement, not elsewhere classified, other specified site 805.4 Closed fracture of lumbar vertebra without mention of spinal cord injury	<u>Discussion</u> • **Missed Dx x 2 –** 733.82 was changed to 996.49 as this was a pseudoarthrosis of a prior fusion, not a nonunion of a previous fracture. 724.6 was changed to 718.88 due to the documented "Instability of lumbar spine"

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Patient: L	Date of Service: 9/3/2010	Physician: ////////////////, MD

Original Coding RVUs	The Coding Network Coding RVUs	Discussion
63075 .... 36.16 63076 ....6.77 22554 .... 33.47 22585 ....9.14 22600 .... 33.31 22614 .... 10.65 22614 .... 10.65 63045-59................................... 33.25 63048-59.....................................5.75 22842 .... 20.80 20931 ....3.03 20936 ....0.00 **Total 202.98**	63081..46.71 22554-51...................................33.47 22585...9.14 22600-51...................................33.31 22614..10.65 22614..10.65 63045-51...................................33.25 63048...5.75 22842..20.80 20931...3.03 20936...0.00 **Total...................................206.76** *Difference .... - 3.78 Undervalued*	• **Wrong Code x 2 —** A corpectomy was performed at C5, which included a diskectomy below and above that vertebral body. 63075 & 63076 was changed to CPT 63081 • **Modifiers x 4 —** A 51 modifier was added to CPT 22554 & 22600 as these codes have a multiple surgery reduction rule attached to them. The 59 modifiers were removed from CPT's 63048 as they don't have any bundling editing with any of the other codes per CCI edits.

Diagnoses	Diagnoses	Discussion
737.10 Kyphosis (acquired)(postural) 722.4 Degeneration of cervical intervertebral disc 733.82 Nonunion of fracture 723.4 Brachial neuritis or radiculitis nos.	737.10 Kyphosis (acquired)(postural) 722.4 Degeneration of cervical intervertebral disc 996.49 Other mechanical complication of other internal orthopedic device, implant, and graft	• **Wrong Dx x 2 -** 733.82 was changed to 996.49 as this was a previous fusion graft that caused pseudoarthrosis causing nonunion of the spinal joint, not a nonunion of a previous fracture. Also, per ICD-9 coding rules, any DX from the 722.* range includes pain or radiculopathy due to this condition, so 723.4 was removed from the coding.