



COLLEGE of AMERICAN  
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## Surveys and Anatomic Pathology Education Programs

### Performance Improvement Program in Surgical Pathology

#### PIP/PIPW-D 2017

Participant Summary

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**2017 PIP/PIPW-D  
PARTICIPANT SUMMARY**

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**Program Update**

This report summarizes the diagnostic responses for set D of the 2017 Performance Improvement Program in Surgical Pathology (PIP & PIPW).

A tabulation of the responses to the supplementary questions is not included since these are intended for educational purposes only.

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Case # 2017-31

**Diagnosis**

(2825) Pseudomembranous colitis

Code	Diagnosis	PIP Participants		PIPW Participants	
		No.	%	No.	%
2769	Ischemic colitis	120	2.0	12	10.6
3044	Necrotizing enteritis	17	0.3	3	2.7
2825	Pseudomembranous colitis	6002	97.6	96	85.0
2090	Signet-ring cell carcinoma	8	0.1	2	1.7

Technical Quality of Slide

Rating	Glass Slide Evaluation	PIP Participants	
		No.	%
001	Excellent	2939	51.9
002		1176	20.7
003	Satisfactory	1435	25.3
004		110	1.9
005	Unsatisfactory	12	0.2

Case # 2017-32

**Diagnosis**

(3046) Arrhythmogenic right ventricular cardiomyopathy

Code	Diagnosis	PIP Participants		PIPW Participants	
		No.	%	No.	%
3046	Arrhythmogenic right ventricular cardiomyopathy	5998	97.7	97	91.5
3047	Atherosclerotic cardiovascular disease	33	0.5	0	0.0
1153	Idiopathic cardiomyopathy	100	1.6	9	8.5
3045	Rheumatic heart disease	7	0.1	0	0.0
2101	Sarcoidosis	4	0.1	0	0.0

Technical Quality of Slide

Rating	Glass Slide Evaluation	PIP Participants	
		No.	%
001	Excellent	2405	42.7
002		1242	22.0
003	Satisfactory	1629	28.9
004		301	5.3
005	Unsatisfactory	57	1.0

Case # 2017-33

**Diagnosis**

(2446) Pheochromocytoma

Code	Diagnosis	PIP Participants		PIPW Participants	
		No.	%	No.	%
3048	Adrenocortical carcinoma	20	0.3	7	6.7
1165	Melanoma	2	0.1	0	0.0
2382	Paraganglioma	43	0.7	3	2.9
2446	Pheochromocytoma	6074	98.8	94	90.4
2321	Renal cell carcinoma	1	0.1	0	0.0

Technical Quality of Slide

Rating	Glass Slide Evaluation	PIP Participants	
		No.	%
001	Excellent	2963	53.0
002		1165	20.8
003	Satisfactory	1325	24.2
004		100	1.8
005	Unsatisfactory	10	0.2

Case # 2017-34

**Diagnosis**

(1721) Adenoid cystic carcinoma

Code	Diagnosis	PIP Participants		PIPW Participants	
		No.	%	No.	%
1721	Adenoid cystic carcinoma	5974	97.3	68	66.7
1810	Basal cell adenoma	16	0.3	9	8.8
1881	Mucoepidermoid carcinoma	63	1.0	10	9.8
1954	Polymorphous low-grade adenocarcinoma	83	1.4	15	14.7

Technical Quality of Slide

Rating	Glass Slide Evaluation	PIP Participants	
		No.	%
001	Excellent	2874	51.5
002		1214	21.7
003	Satisfactory	1381	24.7
004		102	1.8
005	Unsatisfactory	14	0.3

Case # 2017-35

**Diagnosis**

(2077) Adenomyosis with pseudodecidual change

Code	Diagnosis	PIP Participants		PIPW Participants	
		No.	%	No.	%
2077	Adenomyosis with pseudodecidual change	6102	99.3	97	98.0
2144	Malacoplakia	16	0.3	0	0.0
2476	Metastatic carcinoma	2	0.1	0	0.0
2766	Müllerian adenosarcoma	3	0.1	1	1.0
2552	Placental site trophoblastic tumor	12	0.2	1	1.0

Technical Quality of Slide

Rating	Glass Slide Evaluation	PIP Participants	
		No.	%
001	Excellent	2923	53.2
002		1083	19.7
003	Satisfactory	1369	24.9
004		102	1.9
005	Unsatisfactory	16	0.3

Case # 2017-36

**Diagnosis**

(3050) Familial hypertrophic cardiomyopathy

Code	Diagnosis	PIP Participants		PIPW Participants	
		No.	%	No.	%
1748	Amyloidosis	21	0.3	12	12.4
3046	Arrhythmogenic right ventricular cardiomyopathy	57	0.9	4	4.1
3049	Congenital subvalvular aortic stenosis	10	0.2	1	1.0
3033	Dilated/congestive cardiomyopathy	34	0.6	3	3.1
2909	Fabry disease	9	0.2	4	4.1
3050	Familial hypertrophic cardiomyopathy	5938	96.6	62	64.0
3051	Hypertensive heart disease with subaortic septal hypertrophy	27	0.4	3	3.1
3052	Left ventricular noncompaction cardiomyopathy	41	0.7	8	8.2
3054	Valvular aortic stenosis	1	0.1	0	0.0

Technical Quality of Slide

Rating	Glass Slide Evaluation	PIP Participants	
		No.	%
001	Excellent	2766	50.0
002		1230	22.2
003	Satisfactory	1437	25.9
004		89	1.6
005	Unsatisfactory	18	0.3

Case # 2017-37

**Diagnosis**

(1992) Alveolar soft part sarcoma

Code	Diagnosis	PIP Participants		PIPW Participants	
		No.	%	No.	%
1843	Alveolar rhabdomyosarcoma	330	5.4	25	26.0
1992	Alveolar soft part sarcoma	5784	94.1	65	67.7
2743	Clear cell sarcoma	16	0.3	2	2.1
2141	Granular cell tumor	1	0.1	2	2.1
2476	Metastatic carcinoma	0	0.0	0	0.0
1674	Metastatic melanoma	1	0.1	2	2.1
2382	Paraganglioma	0	0.0	0	0.0

Technical Quality of Slide

Rating	Glass Slide Evaluation	PIP Participants	
		No.	%
001	Excellent	2903	52.1
002		1166	20.9
003	Satisfactory	1383	24.6
004		102	1.8
005	Unsatisfactory	14	0.3

Case # 2017-38

**Diagnosis**

(2352) Oncocytoma

Code	Diagnosis	PIP Participants		PIPW Participants	
		No.	%	No.	%
1984	Chromophobe renal cell carcinoma	79	1.2	14	14.6
3055	Clear cell renal cell carcinoma, eosinophilic variant	53	0.9	6	6.3
3056	Oncocytic papillary renal cell carcinoma	53	0.9	3	3.1
2352	Oncocytoma	5957	97.0	73	76.0

Technical Quality of Slide

Rating	Glass Slide Evaluation	PIP Participants	
		No.	%
001	Excellent	2789	50.0
002		1166	20.9
003	Satisfactory	1465	26.3
004		140	2.5
005	Unsatisfactory	17	0.3

Case # 2017-39

**Diagnosis**

(3057) Steatohepatitis with cholestasis and fibrosis, alcohol related.

Code	Diagnosis	PIP Participants		PIPW Participants	
		No.	%	No.	%
1763	Autoimmune hepatitis	10	0.2	6	6.3
1203	Biliary cirrhosis with mild activity	33	0.5	8	8.4
2484	Focal nodular hyperplasia	4	0.1	2	2.1
2485	Hepatocellular carcinoma	17	0.3	13	13.7
3057	Steatohepatitis with cholestasis and bridging fibrosis, alcohol related	6073	99.0	66	69.5

Technical Quality of Slide

Rating	Glass Slide Evaluation	PIP Participants	
		No.	%
001	Excellent	2651	47.3
002		1245	22.2
003	Satisfactory	1522	27.2
004		168	3.0
005	Unsatisfactory	15	0.3

Case # 2017-40

**Diagnosis**

(3058) Atypical lipomatous tumor.

Code	Diagnosis	PIP Participants		PIPW Participants	
		No.	%	No.	%
3058	Atypical lipomatous tumor	5980	97.4	86	87.8
1283	Dedifferentiated liposarcoma	9	0.2	0	0.0
1700	Myxoid liposarcoma	21	0.3	3	3.1
1511	Pleomorphic liposarcoma	13	0.2	1	1.0
2911	Spindle cell/pleomorphic lipoma	117	1.9	8	8.1

Technical Quality of Slide

Rating	Glass Slide Evaluation	PIP Participants	
		No.	%
001	Excellent	2620	46.5
002		1220	21.7
003	Satisfactory	1496	26.6
004		227	4.0
005	Unsatisfactory	67	1.2



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