



COLLEGE of AMERICAN
PATHOLOGISTS

Surveys and Anatomic Pathology Education Programs

Performance Improvement Program in Surgical Pathology PIP/PIPW-C 2021

Participant Summary

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**2021 PIP/PIPW-C
PARTICIPANT SUMMARY**

Program Update

This report summarizes the diagnostic responses for set C of the 2021 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.

SURGICAL PATHOLOGY COMMITTEE

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Diagnosis

1764) Acute asthma exacerbation

Code	Diagnosis	PIP Participants		PIPW Participants	
		No.	%	No.	%
1764	Acute asthma exacerbation	5922	98.7	254	75.8
1440	Allergic bronchopulmonary fungal disease	10	0.2	4	1.2
1002	Aspiration pneumonia	7	0.1	3	0.9
1765	Chronic obstructive pulmonary disease	5	0.1	3	0.9
2264	Cystic Fibrosis	35	0.6	52	15.5
1311	Eosinophilic pneumonia	20	0.3	19	5.7

Technical Quality of Slide

Rating	Glass Slide Evaluation	PIP Participants	
		No.	%
001	Excellent	2842	52.4
002		1082	19.9
003	Satisfactory	1380	25.4
004		106	2.0
005	Unsatisfactory	18	0.3

Diagnosis

(2056) Angiosarcoma

Code	Diagnosis	PIP Participants		PIPW Participants	
		No.	%	No.	%
2056	Angiosarcoma	5972	99.4	317	97.2
2832	Atypical vascular lesion	12	0.2	2	0.6
1468	Hemangioma with papillary endothelial hyperplasia	2	<0.1	2	0.6
1185	Metaplastic spindle cell carcinoma	3	0.1	1	0.3
2770	Myofibroblastoma	1	<0.1	1	0.3
1367	Pseudoangiomatous stromal hyperplasia	5	0.1	3	0.9

Technical Quality of Slide

Rating	Glass Slide Evaluation	PIP Participants	
		No.	%
001	Excellent	3084	57.5
002		862	16.0
003	Satisfactory	1196	22.2
004		125	2.3
005	Unsatisfactory	110	2.0

Case # 2021-23

Diagnosis

(1099) Cellular fibroma

Code	Diagnosis	PIP Participants		PIPW Participants	
		No.	%	No.	%
2081	Adult granulosa cell tumor	12	0.2	7	2.2
1099	Cellular fibroma	5880	98.0	231	71.5
1958	Fibrosarcoma	21	0.4	7	2.2
2205	Sclerosing stromal tumor	18	0.3	17	5.3
2548	Thecoma	67	1.1	61	18.9

Technical Quality of Slide

Rating	Glass Slide Evaluation	PIP Participants	
		No.	%
001	Excellent	2926	55.1
002		1016	19.1
003	Satisfactory	1273	24.0
004		87	1.6
005	Unsatisfactory	12	0.2

Case # 2021-24

Diagnosis

(1674) Metastatic melanoma

Code	Diagnosis	PIP Participants		PIPW Participants	
		No.	%	No.	%
1929	Diffuse large B-cell lymphoma	22	0.4	2	0.6
1901	Gastrointestinal stromal tumor	1	<0.1	1	0.3
2050	Medullary carcinoma of bowel	2	<0.1	2	0.6
1674	Metastatic melanoma	5973	99.3	306	97.5
2250	Neuroendocrine carcinoma	1	<0.1	3	1.0

Technical Quality of Slide

Rating	Glass Slide Evaluation	PIP Participants	
		No.	%
001	Excellent	3107	58.6
002		913	17.2
003	Satisfactory	1194	22.5
004		72	1.4
005	Unsatisfactory	13	0.3

Diagnosis

(1984) Chromophobe renal cell carcinoma

Code	Diagnosis	PIP Participants		PIPW Participants	
		No.	%	No.	%
1984	Chromophobe renal cell carcinoma	5888	98.1	217	69.8
1665	Desmoid fibromatosis	50	0.8	33	10.6
1538	Hybrid oncocytic/chromophobe tumor	13	0.2	8	2.6
2352	Oncocytoma	27	0.5	38	12.2
1936	Succinate dehydrogenase-deficient renal cell carcinoma	21	0.4	15	4.8

Technical Quality of Slide

Rating	Glass Slide Evaluation	PIP Participants	
		No.	%
001	Excellent	2927	55.1
002		970	18.3
003	Satisfactory	1273	24.0
004		116	2.2
005	Unsatisfactory	24	0.5

Diagnosis

(1710) Sympathetic paraganglioma

Code	Diagnosis	PIP Participants		PIPW Participants	
		No.	%	No.	%
2539	Ectopic mediastinal parathyroid adenoma	3	0.1	2	0.7
1041	Metastatic pheochromocytoma	82	1.4	33	10.8
2405	Pulmonary carcinoid/neuroendocrine tumor	22	0.4	12	3.9
1710	Sympathetic paraganglioma	5889	98.0	259	84.6
2438	Thymic small cell carcinoma	2	<0.1	0	0.0

Technical Quality of Slide

Rating	Glass Slide Evaluation	PIP Participants	
		No.	%
001	Excellent	3002	57.0
002		967	18.2
003	Satisfactory	1234	23.3
004		64	1.2
005	Unsatisfactory	15	0.3

Diagnosis

(1408) Diffuse large B-cell lymphoma, germinal center B-cell type

Code	Diagnosis	PIP Participants		PIPW Participants	
		No.	%	No.	%
1408	Diffuse large B-cell lymphoma, germinal center B-cell type	5915	98.6	241	80.3
1994	Embryonal carcinoma	7	0.1	7	2.3
2468	Embryonal rhabdomyosarcoma	4	0.1	1	0.3
5638	High-grade B-cell lymphoma with <i>MYC</i> and <i>BCL2</i> rearrangements	67	1.1	41	13.7
2383	Seminoma	7	0.1	10	3.3

Technical Quality of Slide

Rating	Glass Slide Evaluation	PIP Participants	
		No.	%
001	Excellent	2852	54.0
002		1044	19.8
003	Satisfactory	1292	24.4
004		80	1.5
005	Unsatisfactory	17	0.3

Diagnosis

(1990) Splenic marginal zone lymphoma

Code	Diagnosis	PIP Participants		PIPW Participants	
		No.	%	No.	%
2198	Classic Hodgkin lymphoma, nodular sclerosis type	1	<0.1	1	0.3
1630	Hairy cell leukemia	21	0.4	19	6.4
2334	Mantle cell lymphoma	26	0.4	5	1.7
1720	Small lymphocytic lymphoma/chronic lymphocytic leukemia	16	0.3	6	2.0
5628	Splenic diffuse red pulp small B-cell lymphoma	146	2.4	17	5.7
1990	Splenic marginal zone lymphoma	5789	96.5	249	83.8

Technical Quality of Slide

Rating	Glass Slide Evaluation	PIP Participants	
		No.	%
001	Excellent	2801	53.0
002		1061	20.1
003	Satisfactory	1328	25.1
004		78	1.5
005	Unsatisfactory	15	0.3

Case # 2021-29

Diagnosis

(2344) Tubulocystic renal cell carcinoma

Code	Diagnosis	PIP Participants		PIPW Participants	
		No.	%	No.	%
1770	Adult cystic nephroma	30	0.5	25	8.5
1269	Clear cell renal cell carcinoma with cystic features	27	0.5	10	3.4
5602	Multilocular cystic renal neoplasm of low malignant potential	84	1.4	39	13.3
1797	Papillary renal cell carcinoma	17	0.3	21	7.1
2344	Tubulocystic renal cell carcinoma	5840	97.3	199	67.7

Technical Quality of Slide

Rating	Glass Slide Evaluation	PIP Participants	
		No.	%
001	Excellent	2966	56.9
002		975	18.7
003	Satisfactory	1187	22.7
004		73	1.4
005	Unsatisfactory	18	0.3

Case # 2021-30

Diagnosis

(5742) Calcifying fibrous tumor

Code	Diagnosis	PIP Participants		PIPW Participants	
		No.	%	No.	%
2606	Chronic villitis of unknown etiology	10	0.2	3	1.0
2244	Coccidioidomycosis of the placenta	5940	99.0	221	75.4
2375	Fetal vascular malperfusion	12	0.2	9	3.1
1623	Herpetic placentitis	22	0.4	27	9.2
2409	Massive perivillous fibrin deposition	13	0.2	33	11.3

Technical Quality of Slide

Rating	Glass Slide Evaluation	PIP Participants	
		No.	%
001	Excellent	3178	61.0
002		812	15.6
003	Satisfactory	1137	21.9
004		61	1.2
005	Unsatisfactory	18	0.3

This concludes the report.



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