



COLLEGE of AMERICAN
PATHOLOGISTS

Surveys and Anatomic Pathology Education Programs

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

Participant Summary

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

Program Update

This report summarizes the diagnostic responses for set A 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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Case # 2021-01

Diagnosis

(5710) Primary gastric adenocarcinoma

Code	Diagnosis	PIP Participants		PIPW Participants	
		No.	%	No.	%
5708	Gastric xanthoma	12	0.2	1	0.3
1901	Gastrointestinal stromal tumor, epithelioid type	7	0.1	1	0.3
5709	Malignant gastrointestinal neuroectodermal tumor	5	0.1	1	0.3
1674	Metastatic melanoma	1	<0.0	1	0.3
5710	Primary gastric adenocarcinoma	6091	99.6	322	98.8

Technical Quality of Slide

Rating	Glass Slide Evaluation	PIP Participants	
		No.	%
001	Excellent	3159	56.6
002		1022	18.3
003	Satisfactory	1289	23.1
004		99	1.8
005	Unsatisfactory	11	0.2

Case # 2021-02

Diagnosis

(1649) Solitary fibrous tumor

Code	Diagnosis	PIP Participants		PIPW Participants	
		No.	%	No.	%
1283	Dedifferentiated liposarcoma	9	0.1	3	1.0
2499	Dermatofibrosarcoma protuberans	16	0.3	15	4.8
2728	Glomus tumor	8	0.1	4	1.3
1649	Solitary fibrous tumor	6071	99.3	284	90.4
1129	Synovial sarcoma, monophasic	14	0.2	8	2.5

Technical Quality of Slide

Rating	Glass Slide Evaluation	PIP Participants	
		No.	%
001	Excellent	3015	54.4
002		1088	19.6
003	Satisfactory	1305	23.5
004		126	2.3
005	Unsatisfactory	10	0.2

Case # 2021-03

Diagnosis

(2795) Inflammatory myofibroblastic tumor

Code	Diagnosis	PIP Participants		PIPW Participants	
		No.	%	No.	%
2425	Carcinosarcoma (malignant mixed Müllerian tumor)	3	0.1	1	0.3
5711	High-grade endometrial stromal sarcoma	11	0.2	4	1.3
2795	Inflammatory myofibroblastic tumor	6061	99.1	276	90.5
2389	Leiomyosarcoma	21	0.3	10	3.3
2429	Low-grade endometrial stromal sarcoma	8	0.1	4	1.3
5712	<i>NTRK</i> fusion sarcoma	5	0.1	0	0.0
5713	Metastatic urothelial carcinoma of the bladder	7	0.1	10	3.3

Technical Quality of Slide

Rating	Glass Slide Evaluation	PIP Participants	
		No.	%
001	Excellent	2912	53.0
002		1134	20.7
003	Satisfactory	1321	24.1
004		106	1.9
005	Unsatisfactory	16	0.3

Case # 2021-04

Diagnosis

(5715) Pulmonary adenocarcinoma

Code	Diagnosis	PIP Participants		PIPW Participants	
		No.	%	No.	%
1665	Clear cell renal cell carcinoma	0	0.0	3	1.0
1944	Epithelioid hemangioendothelioma	0	0.0	1	0.3
5714	High-grade serous carcinoma of the ovary	6	0.1	7	2.4
1005	Malignant mesothelioma	7	0.1	5	1.7
5715	Pulmonary adenocarcinoma	6101	99.8	282	94.6

Technical Quality of Slide

Rating	Glass Slide Evaluation	PIP Participants	
		No.	%
001	Excellent	3043	55.6
002		1017	18.6
003	Satisfactory	1295	23.7
004		102	1.9
005	Unsatisfactory	15	0.3

Case # 2021-05

Diagnosis

(5720) Myelolipoma with sickle cell disease

Code	Diagnosis	PIP Participants		PIPW Participants	
		No.	%	No.	%
5716	Accessory spleen with sickle cell disease	43	0.7	17	5.8
5717	Angiomyolipoma with sickle cell disease	126	2.1	31	10.5
5718	Lipoma with sickle cell disease	19	0.3	2	0.7
5719	Myeloid sarcoma with sickle cell disease	103	1.7	6	2.0
5720	Myelolipoma with sickle cell disease	5823	95.2	239	81.0

Technical Quality of Slide

Rating	Glass Slide Evaluation	PIP Participants	
		No.	%
001	Excellent	2816	51.6
002		1114	20.4
003	Satisfactory	1392	25.5
004		116	2.1
005	Unsatisfactory	20	0.4

Case # 2021-06

Diagnosis

(2302) Desmoid fibromatosis

Code	Diagnosis	PIP Participants		PIPW Participants	
		No.	%	No.	%
1283	Dedifferentiated liposarcoma	3	0.1	3	1.0
2302	Desmoid fibromatosis	6080	99.5	274	93.5
2795	Inflammatory myofibroblastic tumor	21	0.3	2	0.7
2440	Low-grade fibromyxoid sarcoma	9	0.1	10	3.4
1647	Sarcomatoid carcinoma	0	0.0	4	1.4

Technical Quality of Slide

Rating	Glass Slide Evaluation	PIP Participants	
		No.	%
001	Excellent	2989	54.7
002		1047	19.2
003	Satisfactory	1306	23.9
004		108	2.0
005	Unsatisfactory	13	0.2

Case # 2021-07

Diagnosis

(2926) Chronic histiocytic intervillitis

Code	Diagnosis	PIP Participants		PIPW Participants	
		No.	%	No.	%
5721	Chorioamnionitis	8	0.1	3	1.0
2926	Chronic histiocytic intervillitis	5889	96.6	205	71.5
2606	Chronic villitis of unknown etiology	114	1.9	20	7.0
5722	Malarial placentitis	51	0.8	21	7.3
5723	Maternal floor infarction	38	0.6	38	13.2

Technical Quality of Slide

Rating	Glass Slide Evaluation	PIP Participants	
		No.	%
001	Excellent	2729	50.5
002		1086	20.1
003	Satisfactory	1388	25.7
004		151	2.8
005	Unsatisfactory	51	0.9

Case # 2021-08

Diagnosis

(5727) Sclerosing pneumocytoma

Code	Diagnosis	PIP Participants		PIPW Participants	
		No.	%	No.	%
1712	Carcinoid tumor	11	0.2	3	1.1
2058	Hemangioma	152	2.5	96	30.1
5724	Invasive pulmonary adenocarcinoma	8	0.1	2	0.7
5725	Non-mucinous adenocarcinoma in situ	2	<0.1	2	0.7
5726	Papillary adenoma	8	0.1	3	1.1
5727	Sclerosing pneumocytoma	5904	97.0	189	66.3

Technical Quality of Slide

Rating	Glass Slide Evaluation	PIP Participants	
		No.	%
001	Excellent	2649	48.9
002		1088	20.1
003	Satisfactory	1365	25.2
004		170	3.1
005	Unsatisfactory	147	2.7

Case # 2021-09

Diagnosis

(1240) Urothelial carcinoma, invasive

Code	Diagnosis	PIP Participants		PIPW Participants	
		No.	%	No.	%
2019	Collecting duct carcinoma	13	0.2	13	4.6
2476	Metastatic carcinoma, NOS	7	0.1	10	3.5
2321	Renal cell carcinoma, NOS	2	<0.1	4	1.4
2024	Renal medullary carcinoma	3	<0.1	7	2.5
1240	Urothelial carcinoma, invasive	6092	99.7	250	88.0

Technical Quality of Slide

Rating	Glass Slide Evaluation	PIP Participants	
		No.	%
001	Excellent	2671	49.5
002		971	18.0
003	Satisfactory	1388	25.8
004		268	5.0
005	Unsatisfactory	92	1.7

Case # 2021-10

Diagnosis

(5728) Metastatic Leydig cell tumor

Code	Diagnosis	PIP Participants		PIPW Participants	
		No.	%	No.	%
2454	Diffuse large B-cell lymphoma	2	<0.1	1	0.4
2476	Metastatic carcinoma	13	0.2	2	0.7
5728	Metastatic Leydig cell tumor	5861	96.0	226	79.3
1674	Metastatic melanoma	15	0.2	6	2.1
5729	Metastatic seminoma	20	0.3	4	1.4
5730	Metastatic Sertoli cell tumor	230	3.3	46	16.1

Technical Quality of Slide

Rating	Glass Slide Evaluation	PIP Participants	
		No.	%
001	Excellent	2937	54.4
002		1046	19.4
003	Satisfactory	1292	23.9
004		110	2.0
005	Unsatisfactory	13	0.2

This concludes the report.



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