



COLLEGE of AMERICAN
PATHOLOGISTS

Laboratory Quality Solutions

Surveys and Anatomic Pathology Education Programs

Performance Improvement Program in Surgical Pathology PIP/PIPW-D 2023

Participant Summary

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**2023 PIP/PIPW-D
PARTICIPANT SUMMARY**

Program Update

This report summarizes the diagnostic responses for set D of the 2023 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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Mojgan Hosseini, MD, FCAP	Sara E. Wobker MD, MPH, FCAP
Taylor McAneney Jenkins, MD, FCAP	Maximillian Weigelt, MD, (Jr. Member)

The CAP Surgical Pathology Committee relies on the donations of tissue blocks to sustain the PIP glass slide Proficiency Testing Survey and greatly appreciates and thanks all who have donated tissue blocks for use in the PIP Surveys. At the end of each year, case donors who submitted cases during the year will be listed in the PIP-D PSR by individual or institution. Due to patient confidentiality, individual cases will not be listed by institution. The CAP Surgical Pathology Committee would like to thank the following individual or institution for its generous donations of tissue blocks in 2023 for use in PIP Proficiency Testing Surveys:

Kossivi Dantey, MD, FCAP
Mariza de Peralta-Venturina, MD, FCAP
Kristen Jensen, MD
Xiaoyin "Sara" Jiang, MD, FCAP
Wilford Mojica, MD
Ekene Okoye, MD, FCAP
Steven Shen, MD, FCAP
Lauren. Schwartz, MD, FCAP
Sabrina Sopha, MD, FCAP
Robert Wong, MD

Diagnosis					
(1800) Classic follicular lymphoma					
Code	Diagnosis	PIP Participants		PIPW Participants	
		No.	%	No.	%
1160	Castleman disease	18	0.3	3	0.7
1800	Classic follicular lymphoma	5712	99.3	404	95.7
1934	Extranodal marginal zone lymphoma of mucosaassociated lymphoid tissue (MALT lymphoma)	12	0.2	7	1.7
1930	Florid lymphoid hyperplasia (Follicular hyperplasia)	6	0.1	3	0.7
5677	IgG4-related disease	0	0.0	1	0.2
2334	Mantle cell lymphoma	6	0.1	4	0.9

Diagnosis					
(2025) Mixed epithelial and stromal tumor					
Code	Diagnosis	PIP Participants		PIPW Participants	
		No.	%	No.	%
2993	Angiomyolipoma with epithelial cysts	30	0.5	13	3.1
2835	Autosomal-dominant polycystic kidney disease	32	0.6	20	4.7
2025	Mixed epithelial and stromal tumor	5623	97.7	342	82.2
5602	Multilocular cystic renal neoplasm of low malignant	64	1.1	46	10.9
2344	Tubulocystic renal cell carcinoma	8	0.1	1	0.2

Diagnosis					
(5856) CMV placentitis					
Code	Diagnosis	PIP Participants		PIPW Participants	
		No.	%	No.	%
1144	Acute villitis associated with Listeria infection	16	0.3	15	3.6
2606	Chronic villitis of unknown etiology (CVUE)	33	0.6	33	7.9
5856	CMV placentitis	5686	98.7	342	82.2
2375	Fetal vascular malperfusion	14	0.2	24	5.8
5857	Syphilitic placentitis	4	0.2	2	0.5

Diagnosis					
(1188) Mesenchymal hamartoma					
Code	Diagnosis	PIP Participants		PIPW Participants	
		No.	%	No.	%
1095	Bile duct adenoma	15	0.3	10	2.4
5858	Bile duct hamartoma	122	2.1	41	10.0
1008	Cholangiocarcinoma	5	0.1	1	0.2
1064	Hepatoblastoma	23	0.4	35	8.5
1188	Mesenchymal hamartoma	5590	97.1	324	78.8

Diagnosis					
(5859) Diffuse thyroid hyperplasia (Graves disease)					
Code	Diagnosis	PIP Participants		PIPW Participants	
		No.	%	No.	%
1675	Chronic lymphocytic thyroiditis (Hashimoto disease)	9	0.2	5	1.2
5859	Diffuse thyroid hyperplasia (Graves disease)	5719	99.3	394	96.3
5860	Follicular adenoma with papillary architecture	10	0.2	4	1.0
5861	Follicular nodular disease	3	0.1	1	0.2
1681	Papillary thyroid carcinoma	11	0.2	5	1.2

Diagnosis					
(2540) Fibroma					
Code	Diagnosis	PIP Participants		PIPW Participants	
		No.	%	No.	%
2081	Adult granulosa cell tumor	10	0.2	11	2.7
2540	Fibroma	5583	97.1	328	80.2
1646	Leiomyoma	3	0.1	1	0.2
1697	Massive ovarian edema	73	1.3	34	8.3
2205	Sclerosing stromal tumor	82	1.4	35	8.6

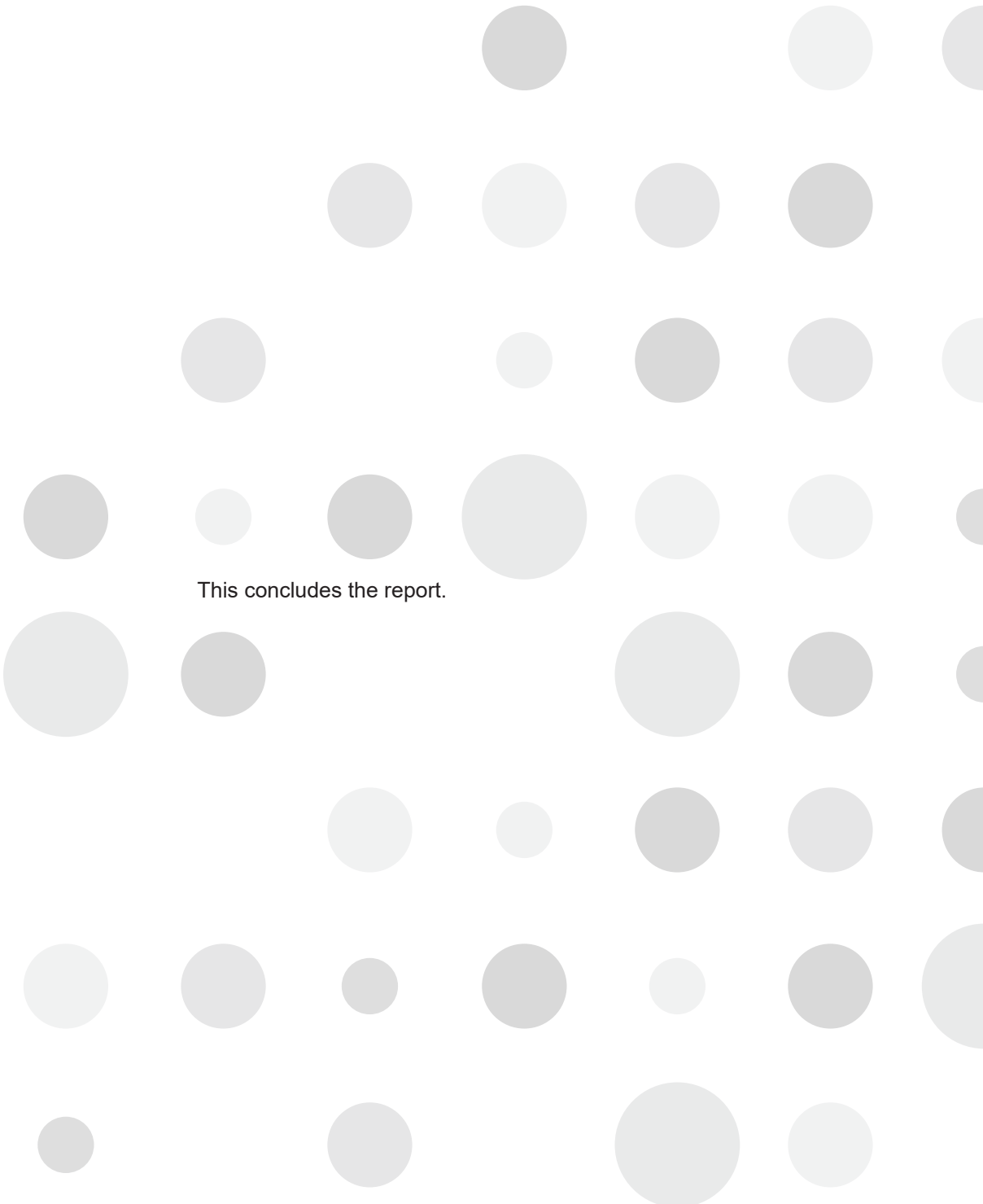
Diagnosis					
(1921) Chordoid glioma					
Code	Diagnosis	PIP Participants		PIPW Participants	
		No.	%	No.	%
1921	Chordoid glioma	5581	97.0	313	76.9
5862	Conventional chordoma	26	0.5	12	2.9
5863	Diffuse midline glioma, H3 K27-altered	93	1.6	57	14.0
5864	Meningioma, chordoid variant	49	0.9	24	5.9
2282	Metastatic chondrosarcoma	2	<0.1	1	0.2

Diagnosis					
(2082) Renal cell carcinoma, NOS with sarcomatoid features					
Code	Diagnosis	PIP Participants		PIPW Participants	
		No.	%	No.	%
2387	Angiomyolipoma	5	0.1	3	0.7
1283	Dedifferentiated liposarcoma	3	0.1	3	0.7
2082	Renal cell carcinoma, NOS with sarcomatoid features	5703	99.1	383	94.3
1461	Sarcomatoid urothelial carcinoma	37	0.6	13	3.2
1649	Solitary fibrous tumor	1	<0.1	1	0.2
2068	Synovial sarcoma	4	0.1	3	0.7

Diagnosis					
(1780) Schwannoma					
Code	Diagnosis	PIP Participants		PIPW Participants	
		No.	%	No.	%
2389	Leiomyosarcoma	3	0.1	0	0.0
5562	Malignant peripheral nerve sheath tumor	34	0.6	29	7.2
2359	Neurofibroma	22	0.4	9	2.2
1780	Schwannoma	5641	98.4	338	83.7
1584	Spindle cell melanoma	31	0.5	28	6.9

Diagnosis					
(5866) Autoimmune pancreatitis, type 2					
Code	Diagnosis	PIP Participants		PIPW Participants	
		No.	%	No.	%
5865	Autoimmune pancreatitis, type 1	130	2.3	34	8.4
5866	Autoimmune pancreatitis, type 2	5307	92.5	219	54.1
1522	Chronic pancreatitis, not otherwise specified (NOS)	274	4.8	132	32.6
5867	Infection-related pancreatitis	5	0.1	2	0.5
1305	Pancreatic ductal adenocarcinoma	16	0.3	18	4.4

NOTES



This concludes the report.



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