

Supplemental Table 2: Items not meeting positive or negative consensus after 3 Delphi Rounds

Application	Positive Consensus count from Round 1	Average score on Likert scale for Round 1	Positive Consensus count from Round 2	Average score on Likert scale for Round 2	Positive Consensus count from Round 3	Average score on Likert scale for Round 3
Pulmonary						
Acute Respiratory Distress Syndrome	10	3.04	2	2.52	4	2.44
Asthma or Chronic Obstructive Pulmonary Disease (normal A-line distribution)	13	3.44	19	3.88	18	3.68
Atelectasis	11	3.28	11	3.16	7	2.76
Lung findings of Pulmonary Embolism (i.e. subpleural infarcts)	9	3.2	2	2.44	3	2.24
Pleural-based masses	3	2.6	3	2.4	1	2
Pulmonary Contusion	3	2.4	5	2.44	1	2.04
Pulmonary Fibrosis / Interstitial Lung Disease	6	2.84	5	2.6	5	2.36
Cardiac						
Hypertrophic Cardiomyopathy	11	3.36	15	3.28	9	2.92
Diastolic Dysfunction	10	3	6	2.64	2	2.28
Cardiac Mass	5	2.56	2	2.2	2	2.04
Cardiac Thrombus	8	2.96	4	2.6	3	2.32
Thoracic Aortic Dissection	8	2.92	3	2.48	1	2.12
Bicuspid Aortic Valve	4	2.63	4	2.44	3	2.28
Aortic Sclerosis/Stenosis	6	2.71	5	2.44	4	2.24

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Left Ventricle Focal Wall Motion Abnormality	11	3.42	10	3.24	10	2.88
Mitral Valve Sclerosis/Stenosis	5	2.6	6	2.4	4	2.28
Mitral Valve Regurgitation	5	2.48	4	2.32	2	2.12
Endocarditis	3	2.56	2	2.28	0	2.12
Thoracic Aortic Root Aneurysm	N/A	N/A	5	2.52	3	2.2
Left Atrial Dilation	N/A	N/A	15	3.56	13	3.04
Identification of Pacemaker Leads	N/A	N/A	6	2.64	3	2.2
OB/GYN						
Endometrial stripe measurement	14	3.48	12	3.28	12	3.08
Uterine Fibroid	16	3.72	11	3.12	8	2.88
Ovarian cyst(s)	12	3.28	7	2.8	6	2.64
Ovarian Mass	11	3	5	2.68	2	2.2
Missed abortion (definitive diagnosis by ultrasound criteria)	18	3.84	19	3.88	18	3.72
Chorionicity Amnionicity	5	2.84	10	3	6	2.68
Subchorionic Hemorrhage	9	3.2	6	2.76	5	2.52
Ectopic Pregnancy	17	3.68	12	3.24	10	2.96
Hydatidiform Pregnancy (molar)	8	3.04	6	2.52	5	2.36
2nd or 3rd trimester Dating and Weight with Fetal Biometry	15	3.52	10	2.92	7	2.8
Biophysical Profile	2	3.04	10	2.84	5	2.52
Cervical Length	8	2.92	4	2.48	2	2.24
Gender	4	2.64	3	2.4	2	2.24
Testicular Torsion	13	3.36	9	2.92	7	2.72
Testicular Mass	10	3.12	9	2.84	5	2.56
Prostate volume	10	3.24	6	2.84	6	2.6
Epididymitis	3	2.72	5	2.56	2	2.32
Orchitis	2	2.64	3	2.52	1	2.28
Testicular Rupture	6	2.76	4	2.28	2	2.28
Hydrocele	14	3.52	14	3.24	11	3.12

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Varicocele	10	3.24	9	2.96	6	2.76
DVT						
Lower Extremity Distal DVT	13	3.64	16	3.76	14	3.48
Upper Extremity DVT	9	3.32	6	2.96	5	2.72
Superficial Vein Thrombosis	14	3.64	11	3.24	8	3.04
Varicose Veins	4	2.84	3	2.56	2	2.36
Venous Insufficiency	4	2.68	2	2.4	0	2.08
Soft Tissue						
Necrotizing Fasciitis	14	3.6	13	3.36	12	3.08
Abnormal Lymph Node	16	3.68	17	3.68	18	3.72
Thyroid						
Thyromegaly (Goiter)	14	3.4	10	3.08	6	2.64
Thyroid Nodules (identify)	18	3.72	17	3.48	16	3.4
Graves' Disease	7	2.76	4	2.44	1	2.16
Vascular						
Jugular Venous Distension (central venous pressure elevation)	14	3.68	14	3.72	11	3.2
Peripheral vascular disease (i.e waveforms, doppler, velocities)	N/A	N/A	4	2.24	4	2.08
Identification of Peripheral Pulses	N/A	N/A	19	3.88	17	3.68
Procedures						
Subacromial subdeltoid bursal injection	18	3.92	15	3.76	14	3.48
Acromioclavicular joint injection/aspiration	17	3.8	16	3.76	13	3.44
Glenohumeral joint injection/aspiration	17	3.76	14	3.6	12	3.36
Elbow joint injection/aspiration	13	3.32	10	3.28	8	3

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Lateral/Medial Epicondyle Injection	11	3.16	10	3.16	3	2.76
Wrist joint injection/aspiration	13	3.4	9	3.12	5	2.8
Finger joint injection/aspiration	13	3.32	8	3.04	4	2.76
Carpal tunnel injection	18	3.76	18	3.88	14	3.68
Ganglion cyst aspiration	16	3.68	17	3.72	13	3.4
DeQuervain tenosynovitis injection	15	3.6	17	3.76	12	3.4
Hip (Femoroacetabular) Joint Injection/Aspiration	10	3.2	8	2.84	4	2.6
Greater trochanteric bursa injection	15	3.6	12	3.28	5	2.96
Baker's cyst aspiration	19	3.92	16	3.72	9	3.2
Ankle Joint Injection/Aspiration	10	3.24	7	2.84	4	2.52
Foot Joint Injection/Aspiration	7	3	5	2.68	4	2.48
Plantar fascia injection	7	3.12	7	2.76	5	2.56
Thoracentesis	17	3.69	18	3.76	13	3.48
Lumbar puncture	11	3.44	8	3.24	6	2.92
Central line placement	17	4	16	3.72	15	3.68
Midline placement	11	3.32	5	3.04	4	2.72
Arterial line placement	15	3.64	10	3.2	9	3.08
Peripheral intravenous line placement	19	4.12	16	3.8	16	3.72
Fine needle aspiration	6	2.8	8	2.6	4	2.2
Nerve Block	11	3.16	7	2.92	2	2.48
Trigger point injections	7	2.92	12	3.32	4	2.68

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MSK						
Partial Muscle Tear	13	3.44	9	3.12	9	2.8
Full Thickness Muscle Tear	17	3.8	15	3.56	17	3.44
Tendonitis (General Finding)	19	3.96	16	3.88	17	3.48
Arthritic Changes	17	3.64	16	3.68	16	3.36
Gout	8	3.08	10	3.04	4	2.64
Pseudogout	5	2.88	9	2.96	4	2.48
Rotator Cuff Tendonitis	17	3.76	17	3.68	15	3.48
Biceps tendon subluxation	12	3.48	7	3	7	2.68
Long head of biceps effusion	13	3.4	16	3.6	17	3.44
Rupture of the long head of the biceps (proximal and/or distal)	N/A	N/A	13	3.4	14	3.08
Glenohumeral Dislocation	10	3.25	9	3.08	8	2.64
Rotator Cuff Tear	19	3.92	16	3.72	18	3.48
Subacromial bursitis	N/A	N/A	16	3.6	12	3.12
Subacromial impingement syndrome	N/A	N/A	11	3.12	8	2.84
Lateral/Medial Epicondylitis	11	3.28	7	2.88	5	2.6
Olecranon Bursitis	15	3.76	16	3.68	12	3.24
Elbow Effusion	18	3.76	18	3.8	15	3.48
De Quervain Tenosynovitis	16	3.64	14	3.4	11	3.08
Scaphoid Fracture	7	2.84	3	2.56	1	2.28
Wrist Effusion	12	3.4	12	3.28	9	2.92
Finger Joint Effusion (MCP, PIP, DIP)	12	3.4	11	3.16	9	2.96
Finger Tendon Tenosynovitis	10	3.16	8	3	6	2.72
Hip Effusion	17	3.64	14	3.56	10	3
IT Band Friction Syndrome	N/A	N/A	0	2.32	1	2
Prepatellar Bursitis	N/A	N/A	15	3.56	12	3.08

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Pes Anserine Bursitis	N/A	N/A	5	2.72	4	2.44
Patellar Tendinitis	13	3.5	6	2.88	8	2.76
Meniscal Tear	6	2.88	2	2.44	2	2.2
MCL/LCL Tear	8	3	3	2.68	3	2.2
Patellar Tendon Tear	15	3.6	14	3.28	14	3.2
Quadriceps Tendon Tear	16	3.6	14	3.36	14	3.12
Ankle Joint Effusion	N/A	N/A	15	3.56	11	3.04
Achilles Tendonitis	13	3.4	12	3.24	13	3.12
Plantar Fasciitis	11	3.2	8	3	7	2.56
Toe Joint Effusion (MTP, PIP, DIP)	7	3.08	7	2.84	3	2.36
Abdominal						
Gallbladder Polyp	15	3.76	19	3.6	17	3.48
Choledocholithiasis (direct visualization of stone in the biliary ducts)	14	3.56	9	2.96	10	2.92
Common bile duct dilation	N/A	N/A	16	3.56	16	3.48
Adenomyomatosis	2	2.52	3	2.36	3	2.08
Biliary Mass	4	2.8	5	2.48	2	2.08
Hepatic Steatosis	17	3.68	18	3.68	15	3.32
Hepatic Cyst	17	3.64	11	3.2	11	3.12
Hepatic Abscess	10	3.24	7	2.84	7	2.56
Cirrhosis	13	3.56	14	3.4	13	3.32
Early Stage Fibrosis	4	2.72	2	2.32	2	2.04
Hepatic Mass	11	3.16	8	2.88	6	2.4
Hepatomegaly	14	3.56	14	3.48	14	3.32
Splenomegaly	15	3.56	15	3.52	15	3.4
Asplenia	12	3.48	14	3.28	14	3.36
Splenic cyst	10	3.2	5	2.72	6	2.56
Splenic abscess	6	2.76	3	2.44	4	2.24
Splenic Mass	6	2.76	5	2.68	3	2.12
Inguinal Hernia	12	3.28	9	3.12	9	2.8
Ventral Hernia	12	3.2	11	3.24	10	2.88
Epigastric Hernia	9	3	9	3.04	6	2.52
Small Bowel ileus	3	2.52	5	2.64	4	2.56
Small Bowel Obstruction	12	3.28	11	3.2	9	2.88

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Appendicitis	9	3.08	7	2.72	3	2.36
Intussusception	5	2.72	4	2.56	3	2.28
Diverticulitis	3	2.44	1	2.28	1	2.04
Constipation	7	2.92	5	2.64	1	2.28
Inflammatory Bowel Disease	2	2.16	1	2.08	0	1.68
Renal-Bladder						
Complex Cyst	17	3.56	14	3.32	12	3.12
Renal Mass	12	3.36	12	3.2	10	2.88
Pyelonephritis	11	3.2	5	2.72	4	2.36
Subcapsular Fluid Collection	19	4.12	7	2.84	4	2.4
Atrophic Kidney	11	3.12	10	3	5	2.48
Chronic Kidney Disease	N/A	N/A	5	2.72	3	2.44
Bladder Mass	12	3.44	11	3.16	11	3
Uterovesical Junction Stone	12	3.64	14	3.32	14	3.2
Bladder Diverticula	3	2.64	2	2.32	1	2.16
Bladder Stone	18	3.72	18	3.64	13	3.2
HEENT						
Posterior Vitreous Detachment	12	3.36	10	3.08	9	2.72
Vitreous Hemorrhage	10	3.24	6	2.72	5	2.4
Intraocular Foreign Body	12	3.32	9	2.92	7	2.64
Papilledema (optic nerve sheath diameter)	11	3.6	14	3.32	11	3
Lens Dislocation	8	2.92	5	2.76	4	2.44
Retrobulbar Hematoma	4	2.44	2	2.32	3	2.24
Globe Rupture	5	2.48	4	2.4	4	2.32
Dental Abscess	5	2.64	3	2.56	1	2.16
Sinusitis	6	2.92	5	2.76	2	2.32
Peritonsillar Abscess	9	2.96	4	2.64	2	2.32