

	Satya-Murti	Eng	Cox	Gorelick	Fischer	Janjan	Kato	Pauker	Singh	Umscheid	Kendig	Kuebler	Cormier	Gerber	Pflazer	Voting Member Average	Overall Average
1	How confident are you that there is sufficient evidence to determine if the listed diagnostic strategies can reliably identify and stratify the severity of secondary lymphedema. (Per MEDCAC Charter, only voting member average is used to advance to question #2.)																
	<i>1 Low Confidence -2- 3 Intermediate Confidence -4- 5 High Confidence</i>																
A. Imaging Techniques																	
i) Lymphoscintigraphy/lymphangioscintigraphy	2	3	1	2	2	3	1	1	1	2	3	2	2	1	1	1.91	1.80
ii) MRI/CT	1	3	1	2	1	2	1	1	1	3	1	2	2	1	1	1.55	1.53
iii) Ultrasound	1	2	1	2	1	2	1	1	1	1	1	1	3	3	2	1.27	1.53
iv) (99m)Tc-hexakis-2-methoxy isobutyl isonitrile (MIBI) scan	1	1	1	2	1	2	1	1	1	1	2	1	1	1	1	1.27	1.20
B. Quantitative techniques to determine limb volume/skin elasticity.																	
i) Tissue tonometry	1	3	2	2	2	2	1	1	1	2	1	1	3	3	2	1.64	1.80
ii) Perometry	1	4	2	2	3	2	1	1	1	3	2	1	5	5	4	2.00	2.47
iii) Circumferential measurements	3	4	3	3	3	4	1	2	2	4	3	2	4	4	4	2.91	3.07
iv) Water displacement	4	3	3	3	4	2	2	3	2	4	3	1	4	5	4	3.00	3.13
v) Bioimpedance	2	4	2	3	4	4	1	1	1	3	2	2	4	3	3	2.45	2.60
C. Patient reported symptomatology	3	3	3	3	3	4	3	3	2	4	2	2	4	4	4	3.00	3.13
D. Physical exam	4	3	3	3	4	4	3	2	3	4	3	3	4	4	4	3.27	3.40
E. How confident are you that there is sufficient evidence to determine if the listed diagnostic strategies can reliably identify and stratify the severity of subclinical disease in secondary lymphedema? (Panel preference of diagnostic measures for vote.)																	
i) Perometry	1	4	2	2	2	2	1	1	1	1	2	2	3	3	3	1.73	2.00
ii) Bioimpedance	2	3	2	3	2	4	1	1	2	2	3	2	3	2	3	2.27	2.33
iii) Patient reported symptomatology	4	3	3	3	3	4	2	2	2	3	3	3	4	3	3	2.91	3.00

	Satya-Murti	Eng	Cox	Gorelick	Fischer	Janjan	Kato	Pauker	Singh	Umscheid	Kendig	Kuebler	Cornier	Gerber	Pflazer	Voting Member Average	Overall Average	
2	For only those items where the answer to Question 1 is at least in the Intermediate range (mean score ≥ 2.5 on Question 1), how confident are you that each of the listed diagnostic strategies reliably identifies and stratifies the severity of secondary lymphedema?																	
	1 Low Confidence -2- 3 Intermediate Confidence -4- 5 High Confidence																	
A. Imaging Techniques																		
i) Lymphoscintigraphy/lymphangioscintigraphy																	#DIV/0!	#DIV/0!
ii) MRI/CT																	#DIV/0!	#DIV/0!
iii) Ultrasound																	#DIV/0!	#DIV/0!
iv) (99m)Tc-hexakis-2-methoxy isobutyl isonitrile (MIBI) scan																	#DIV/0!	#DIV/0!
B. Quantitative techniques to determine limb volume/skin elasticity.																		
i) Tissue tonometry																	#DIV/0!	#DIV/0!
ii) Perometry																	#DIV/0!	#DIV/0!
iii) Circumferential measurements	3	3	3	3	2	4	1	1	2	4	3	2	4	4	4	2.64	2.87	
iv) Water displacement	4	2	3	3	2	2	1	2	2	4	3	2	5	5	4	2.55	2.93	
v) Bioimpedance																	#DIV/0!	#DIV/0!
C. Patient reported symptomatology	4	2	3	2	2	4	2	3	3	4	4	2	4	4	4	3.00	3.13	
D. Physical exam	3	2	3	2	3	4	2	2	3	4	3	3	3	3	3	2.82	2.87	
E. For only those items where the answer to Question 1 is at least in the Intermediate range (mean score ≥ 2.5 on Question 1), how confident are you that each of the listed diagnostic strategies reliably identifies and stratifies the severity of subclinical disease in secondary lymphedema?																		
i) Patient reported symptomatology	3	1	3	3	3	4	1	2	2	3	4	3	4	4	4	2.64	2.93	

		Satya-Murti	Eng	Cox	Gorelick	Fischer	Janjan	Kato	Pauker	Singh	Umscheid	Kendig	Kuebler	Cormier	Gerber	Pflazer	Voting Member Average	Overall Average
4	In clinical studies of treatment(s) for secondary lymphedema, how confident are you that there is sufficient evidence that an improvement in each of the following measures is or is strongly associated with, an improved health outcome?																	
	<i>1 Low Confidence -2-3 Intermediate Confidence -4-5 High Confidence</i>																	
	i) Affected limb circumference	3	3	3	3	2	4	1	3	3	4	4	3	3	3	3	3.00	3.00
	ii) Affected limb volume	4	3	3	3	2	4	1	3	4	4	4	3	4	4	4	3.18	3.33
	iii) Symptom assessment	2	3	5	3	3	4	3	5	4	4	4	3	4	5	4	3.64	3.73
	iv) Affected limb function(strength, endurance, range of motion, sensation, etc.)	3	3	4	3	3	4	3	4	5	4	4	3	4	4	4	3.64	3.67
	v) ADL (Activities of Daily Living) abilities	3	4	4	3	4	4	4	5	5	4	4	4	4	4	4	4.00	4.00
	vi) Frequency of skin breakdown or ulceration	4	4	4	4	4	4	4	5	5	4	4	3	4	4	4	4.18	4.13
	vii) Frequency of occurrence of local infection	4	3	4	4	5	4	4	5	5	4	4	3	4	4	4	4.18	4.07
	viii) Quality of life assessment	5	4	5	4	3	4	4	5	5	4	4	4	4	5	5	4.27	4.33
	ix) Social Intergration	4	3	4	4	4	3	3	4	5	4	3	4	4	5	4	3.73	3.87

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7	How confident are you that the conclusions regarding the diagnostic strategies as a group (Q2) and the treatment methods as a group (Q6) are generalizable to Medicare beneficiaries with secondary lymphedema?																	
	<i>1 Low Confidence -2-3 Intermediate Confidence -4-5 High Confidence</i>																	
	A. Diagnostic Strategies	3	3	4	3	3	4	3	4	4	4	3	3	4	4	4	3.45	3.53
	B. Treatment Methods	4	2	4	3	3	4	2	3	3	3	3	3	4	4	4	3.09	3.27