	Krist	Bateman	Bradham	Cohen	Flamm	Goodman	Redberg	Shatin	Wahl	Queenan	Fishman	Lu	Peters	Voting Member Average	Overall Average
1. How confident are you that there is sufficient evidence to determine the diagnostic accuracy of the following noninvasive technologies for the detection of obstructive coronary artery lesions? *5 Very Confident 4 Somewhat confident 3 Unsure 2 Somewhat Confident 1 Very Unconfident*															
a. Computed tomography angiography 16	3	5	4	4	2	3	2	4	4	4	5	4	4	**3.44**	**3.69**
b. Computed tomography angiography 64	3	5	3	4	4	3	2	4	4	4	4	4	4	**3.56**	**3.69**
c. Electron beam tomography	2	1	1	2	1	2	1	4	4	3	5	2	2	**2.00**	**2.31**
d. MRI	3	3	2	4	2	2	2	4	2	2	3	3	3	**2.67**	**2.69**
2. How confident are you that there is sufficient evidence to determine if these noninvasive technologies can accurately determine the anatomic location of obstructive coronary artery lesions? *5 Very Confident 4 Somewhat confident 3 Unsure 2 Somewhat Confident 1 Very Unconfident*															
a. Computed tomography angiography 16	4	5	4	5	3	4	3	4	4	4	5	5	4	**4.00**	**4.15**
b. Computed tomography angiography 64	4	5	4	5	4	4	3	4	4	5	5	5	4	**4.11**	**4.31**
c. Electron beam tomography	2	2	3	1	2	3	1	3	3	2	4	3	2	**2.22**	**2.38**
d. MRI	3	3	3	4	2	2	2	3	3	2	3	4	3	**2.78**	**2.85**
3. How confident are you that there is sufficient evidence to determine if these noninvasive technologies can accurately detect the relevant morphology (size, shape, ulceration, etc.) of obstructive coronary artery lesions? *5 Very Confident 4 Somewhat confident 3 Unsure 2 Somewhat Confident 1 Very Unconfident*															
a. Computed tomography angiography 16	4	4	4	3	2	3	3	4	3	4	4	3	3	**3.33**	**3.38**
b. Computed tomography angiography 64	4	4	2	3	4	3	3	4	3	5	4	4	3	**3.33**	**3.54**
c. Electron beam tomography	2	2	3	1	2	2	1	3	2	3	3	1	1	**2.00**	**2.00**
d. MRI	3	3	3	3	2	2	2	3	3	3	3	3	3	**2.67**	**2.77**
4. How confident are you that non-invasive imaging (identified in Q1-3 as having sufficient evidence) can be used instead of coronary artery catheterization to determine treatment of coronary artery disease? If you are confident or very confident, in which populations are you confident that non-invasive imaging can be used without resulting in adverse health outcomes? *5 Very Confident 4 Somewhat confident 3 Unsure 2 Somewhat Confident 1 Very Unconfident*															
a. Computed tomography angiography 16	3	5	4	3	3	2	2	4	3	3	4	3	4	**3.22**	**3.31**
b. Computed tomography angiography 64	3	5	4	4	3	2	2	4	4	4	5	3	4	**3.44**	**3.62**
c. Electron beam tomography	1	2	3	1	1	1	1	3	1	1	1	2	1	**1.56**	**1.46**
d. MRI	2	3	3	3	2	2	2	2	2	2	2	2	2	**2.33**	**2.23**

5. If non-invasive imaging (identified in Q1-3 as having sufficient evidence) were to be used in addition to coronary artery catheterization:

5 Very Confident 4 Somewhat confident 3 Unsure 2 Somewhat Confident 1 Very Unconfident

a. How confident are you that noninvasive imaging (identified in Q1-3 as having sufficient evidence) provides an incremental net health benefit when used before coronary artery catheterization?

														Avg	Avg
a. Computed tomography angiography 16	3	4	1	3	3	3	2		3	4	4	3		**2.75**	**3.00**
b. Computed tomography angiography 64	3	4	2	4	3	3	2		4	5	5	3		**3.13**	**3.45**
c. Electron beam tomography	1	3	3	1	1	2	1		2	1	1	2		**1.75**	**1.64**
d. MRI	2	3	3	2	2	1	2		2	3	2	2		**2.13**	**2.18**

5b. How confident are you that noninvasive imaging (identified in Q1-3 as having sufficient evidence) provides an incremental net health benefit when used after coronary artery catheterization?

														Avg	Avg
a. Computed tomography angiography 16	3	4	1	3	2	2	2	3	3	3	4	3	3	**2.56**	**2.77**
b. Computed tomography angiography 64	3	4	2	4	3	2	2	3	4	4	4	4	4	**3.00**	**3.31**
c. Electron beam tomography	1	2	3	1	1	1	1	3	1	1	1	1	1	**1.56**	**1.38**
d. MRI	2	3	3	3	2	1	1	3	2	2	2	3	2	**2.22**	**2.23**

6. How confident are you that:

5 Very Confident 4 Somewhat confident 3 Unsure 2 Somewhat Confident 1 Very Unconfident

a) The diagnostic test characteristics of the technologies (identified in Q1-3 as having sufficient evidence) are generalizable to the Medicare beneficiary population

														Avg	Avg
a. Computed tomography angiography 16	2	5	1	3	2	2	1	3	3	4	4	3	3	**2.44**	**2.77**
b. Computed tomography angiography 64	2	5	1	3	2	2	1	4	4	4	5	3	3	**2.67**	**3.00**
c. Electron beam tomography	2	2	3	1	1	1	1	2	2	3	1	1	2	**1.67**	**1.69**
d. MRI	2	3	3	3	1	1	1	3	2	3	2	2	2	**2.11**	**2.15**

6b) Diagnostic and treatment strategies using non-invasive imaging (identified in Q1-3 as having sufficient evidence) of coronary artery disease provide a net health benefit to Medicare beneficiaries compared to strategies that use invasive imaging?

														Avg	Avg
a. Computed tomography angiography 16	3	4	3	3	2	1	1	4	3	4	4	3	3	**2.67**	**2.92**
b. Computed tomography angiography 64	3	4	3	4	3	1	1	4	4	5	5	3	4	**3.00**	**3.38**
c. Electron beam tomography	1	2	3	1	1	1	1	2	2	1	1	1	2	**1.56**	**1.46**
d. MRI	2	2	3	3	1	1	1	3	3	3	2	2	2	**2.11**	**2.15**