



PVDOMICS STUDY

Core Right Heart Catheterization (RHC)

Results Form #283

Instructions: This form is for use by the staff at the Cardiovascular Physiology Core (CPC) when reviewing center RHC results.

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1. Identification Number

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2. Alphacode

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3. Date of RHC (mm/dd/yyyy)

Resting Right Heart Catheterization

90. Is this RHC acceptable quality? _____

0 = No, no usable data

1 = No, unacceptable: missing key data pieces

2 = Yes, acceptable: majority of data collected and accurate

For Core quality assessment questions I - XIII use the codes below:

0= No, this part of RHC was not done

1= No, waveforms not received

2= No, waveforms received and some data is available but missing key components (e.g. scale, mean line, test condition, etc.)

3= No, waveforms received and some data is available but waveforms or printout poor quality or illegible

4= Yes, waveforms received and of good quality

21. If Resting Right Heart Catheterization done:

h. Heart Rate (bpm) _____

i. Heart Rhythm (1=Sinus, 2=Atrial fibrillation, 3=Paced, 4=Other)..... _____

Right Atrium Measurements:

Ia. (core only) Are the waveforms for resting RHC right atrium spontaneous breathing acceptable? ... _____

Ib. (core only) Are the waveforms for resting RHC right atrium end-expiratory hold acceptable? _____

Note: If Ia = 0 or 1 and Ib = 0 or 1, skip to IIa.

Breathing Condition	a. Spontaneous Breathing	b. End-Expiratory Hold
22. Right Atrium (RA) Mean Pressure	_ _ _	_ _ _
23. RA Peak "a wave" Pressure	_ _ _	_ _ _
24. RA Peak "v wave" Pressure	_ _ _	_ _ _
25. RA Oxygen Saturation (RA sat)	_ _ _ %	

Right Ventricle Measurements:

IIa. (core only) Are the waveforms for resting RHC right ventricle spontaneous breathing acceptable? _____

IIb. (core only) Are the waveforms for resting RHC right ventricle end-expiratory hold acceptable?...._____

Note: If IIa = 0 or 1 and IIb = 0 or 1, skip to IIIa.

Breathing Condition	a. Spontaneous Breathing	b. End-Expiratory Hold
26. Right Ventricle (RV) Peak Systolic Pressure (SBP) (mmHg)	_____	_____
27. RV End Diastolic Pressure (mmHg)	_____	_____

Pulmonary Capillary Wedge Pressure (PCWP) Measurements:

IIIa. (core only) Are the waveforms for resting RHC PCWP spontaneous breathing acceptable? _____

IIIb. (core only) Are the waveforms for resting RHC PCWP end-expiratory hold acceptable? _____

Note: If IIIa = 0 or 1 and IIIb = 0 or 1, skip to IVa

Breathing Condition	a. Spontaneous Breathing	b. End-Expiratory Hold
28. Pulmonary Capillary Wedge (PCW) Mean Pressure (a wave)	_____	_____
29. PCW Peak "a wave" Pressure	_____	_____
30. PCW Peak "v wave" Pressure	_____	_____
31. PCWP Oxygen Saturation (PCWP sat)	_____ %	

Pulmonary Artery (PA) Pressure Measurements:

IVa. (core only) Are the waveforms for resting RHC PA spontaneous breathing acceptable? _____

IVb. (core only) Are the waveforms for resting RHC PA end-expiratory hold acceptable? _____

Note: If IVa = 0 or 1 and IVb = 0 or 1, skip to Q39

Breathing Condition	Spontaneous Breathing	End-Expiratory Hold
33. Pulmonary Artery (PA) Systolic Pressure (mmHg)	_____	_____
34. PA Diastolic Pressure (mmHg)	_____	_____

35. PA Mean Pressure measured from Mean PA line by machine	_____.	_____.
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Thermodilution Cardiac Output:

39. If Resting RHC Thermodilution CO measurements done:

- a. TDCO (L/min) – measurement 1 _____.
- b. TDCO (L/min) – measurement 2 _____.
- c. TDCO (L/min) – measurement 3 _____.
- d. (core only) Is there less than 10% variability in recorded TDCO measurements? (0=No, 1=Yes) ... _____

Direct Fick Cardiac Output:

40. Were Direct Fick Cardiac Output Measurements done? (0=No, 1=Yes) _____
- b. Direct Fick Cardiac Output (L/min) _____.
- c. Direct Fick Cardiac Index (L/min/m²) _____.

Oxygen Challenge

41. If Oxygen Challenge done:

- g. Heart Rate (bpm) _____.
- h. Heart Rhythm (1=Sinus, 2=Atrial fibrillation, 3=Paced, 4=Other) _____.

Right Atrium Measurements:

V. (core only) Are the waveforms for oxygen challenge right atrium acceptable? _____

Note: If V = 0 or 1, skip to VI

42. Right Atrium (RA) Mean Pressure _____

43. RA Peak “a wave” Pressure _____

44. RA Peak “v wave” Pressure _____

Pulmonary Capillary Wedge Pressure (PCWP) Measurements:

VI. (core only) Are the waveforms for oxygen challenge PCWP acceptable? _____

Note: If VI = 0 or 1, skip to VII

45. Pulmonary Capillary Wedge (PCW) Mean Pressure (a wave) _____

46. PCW Peak “a wave” Pressure _____

01/21/2020: numbering changes –old 'Q66a' was updated to 'Q66b' and 'old Q66b' was updated to 'Q66c'. Revision date remains as 08/02/2018. 01/19/2022: format of Q53: Were Direct Fick Cardiac Output Measurements done? (0=No, 1=Yes) was changed to database format of Q53-If Direct Fick Cardiac Output Measurements done: F283-Revision date not changed.

47. PCW Peak “v wave” Pressure..... _____

PA Measurements:

VII. (core only) Are the waveforms for oxygen challenge PA acceptable?..... _____

Note: If VII = 0 or 1, skip to Q52

48. Pulmonary Artery (PA) Systolic Pressure (mmHg)..... _____

49. PA Diastolic Pressure (mmHg)..... _____

50. PA Mean Pressure measured from Mean PA line by machine..... _____

Thermodilution Cardiac Output:

52. If Oxygen Challenge Thermodilution CO measurements done:

a. TDCO (L/min) – measurement 1 _____

b. TDCO (L/min) – measurement 2 _____

c. TDCO (L/min) – measurement 3 _____

d. (core only) Is there less than 10% variability in recorded TDCO measurements? (0=No, 1=Yes) ... _____

Direct Fick Cardiac Output:

53. If Direct Fick Cardiac Output Measurements done:-see footer below:

b. Direct Fick Cardiac Output (L/min)..... _____

c. Direct Fick Cardiac Index (L/min/m²)..... _____**Vasodilatory Challenge**

54. Is vasodilatory challenge done:

g. Heart Rate (bpm)..... _____

h. Heart Rhythm (1=Sinus, 2=Atrial fibrillation, 3=Paced, 4=Other) _____

Right Atrium Measurements:

VIII. (core only) Are the waveforms for vasodilatory challenge right atrium acceptable?..... _____

Note: If VIII = 0 or 1, skip to IX

55. Right Atrium (RA) Mean Pressure _____

56. RA Peak “a wave” Pressure..... _____

57. RA Peak “v wave” Pressure..... _____

Pulmonary Capillary Wedge Pressure (PCWP) Measurements:

IX. (core only) Are the waveforms for vasodilatory challenge PCWP acceptable? _____

Note: If IX = 0 or 1, skip to X

58. Pulmonary Capillary Wedge (PCW) Mean Pressure (a wave) _____

59. PCW Peak "a wave" Pressure _____

60. PCW Peak "v wave" Pressure _____

PA Measurements:

X. Are the waveforms for vasodilatory challenge PA acceptable? _____

Note: If X = 0 or 1, skip to Q65

61. Pulmonary Artery (PA) Systolic Pressure (mmHg) _____

62. PA Diastolic Pressure (mmHg) _____

63. PA Mean Pressure measured from Mean PA line by machine _____

Thermodilution Cardiac Output:

65. If Vasodilatory Challenge Thermodilution CO measurements done:

a. TDCO (L/min) – measurement 1 _____

b. TDCO (L/min) – measurement 2 _____

c. TDCO (L/min) – measurement 3 _____

d. (core only) Is there less than 10% variability in recorded TDCO measurements? (0=No, 1=Yes) ... _____

Direct Fick Cardiac Output:

66. Were Direct Fick Cardiac Output Measurements done? (0=No, 1=Yes) _____

b. Direct Fick Cardiac Output (L/min) _____

c. Direct Fick Cardiac Index (L/min/m²) _____

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Fluid Challenge

67. If fluid challenge done:

g. Heart Rate (bpm) _____

h. Heart Rhythm (1=Sinus, 2=Atrial fibrillation, 3=Paced, 4=Other)..... _____

Right Atrium Measurements:

XI. (core only) Are the waveforms for fluid challenge RA acceptable?..... _____

Note: If XI = 0 or 1, skip to XII

68. Right Atrium (RA) Mean Pressure _____

69. RA Peak "a wave" Pressure..... _____

70. RA Peak "v wave" Pressure..... _____

Pulmonary Capillary Wedge Pressure (PCWP) Measurements:

XII. (core only) Are the waveforms for fluid challenge PCWP acceptable? _____

Note: If XII = 0 or 1, skip to XIII

71. Pulmonary Capillary Wedge (PCW) Mean Pressure (a wave)..... _____

72. PCW Peak "a wave" Pressure..... _____

73. PCW Peak "v wave" Pressure..... _____

Pulmonary Artery Measurements:

XIII. (core only) Are the waveforms for fluid challenge PA acceptable? _____

Note: If XIII = 0 or 1, skip to Q78

74. Pulmonary Artery (PA) Systolic Pressure (mmHg)..... _____

75. PA Diastolic Pressure (mmHg)..... _____

76. PA Mean Pressure measured from Mean PA line by machine..... _____

Thermodilution Cardiac Output:

78. If Fluid Challenge Thermodilution CO Measurements done:

a. TDCO (L/min) – measurement 1 _____

b. TDCO (L/min) – measurement 2 _____

c. TDCO (L/min) – measurement 3 _____

d. (core only) Is there less than 10% variability in recorded TDCO measurements? (0=No, 1=Yes) ... _____

Direct Fick Cardiac Output:

79. Were Direct Fick Cardiac Output Measurements done? (0=No, 1=Yes) _____

b. Direct Fick Cardiac Output (L/min) _____.

c. Direct Fick Cardiac Index (L/min/m²) _____.

85. Are any comments documented? (0=No comments, 1=Yes, specify below) _____

Core Comments <i>(entered into database):</i>

114. Username of fellow reviewing the RHC _____
(Username of physician is the first 6 letters of last name and first initial.)115. Username of staff physician reviewing the RHC _____
(Username of physician is the first 6 letters of last name and first initial.)

116. Date final Core review completed (mm/dd/yyyy) _____/_____/_____

200. Date this form was completed (mm/dd/yyyy) _____/_____/_____

201. Username of person completing/reviewing completeness of this form. _____

Core Use Only

Date Form Entered (mm/dd/yyyy) _____/_____/_____

Username of person entering this form _____