FACTT Algorithm: Composite Protocol-*Version 2*

Intravascular Pressure				MAP < 60 mm Hg or on: dopamine >5 mcg/kg/min or any dose of another vasopressor. Consider correctable causes of shock first.	MAP ≥ 60 mm Hg AND off vasopressors (Dopamine ≤ 5 mcg/kg/min is *not* a vasopressor)			
CVP		PAOP[G]			Average UOP < 0.5 ml/kg/hr		Average UOP ≥ 0.5 ml/kg/hr	
Conservative	Liberal	Conservative	Liberal		**Ineffective Circulation** C.I. < 2.5 **OR** Cold & mottled with capillary refill >2 sec	**Effective Circulation** C.I. ≥ 2.5 **OR** *Absence* of ineffective circulation criteria	**Ineffective Circulation** C.I. < 2.5 **OR** Cold & mottled with capillary refill > 2 sec	**Effective Circulation** C.I. ≥ 2.5 **OR** *Absence* of ineffective circulation criteria
Range I				Cell number ⟶ **1**	KVO IV **3** Dobutamine[A] Furosemide[B.1,2,4]	KVO IV **7** Furosemide[B.1,2,4]	KVO IV **11** Dobutamine[A] Furosemide[B.1,3,4]	KVO IV **15** Furosemide[B.1,3,4]
> 13	> 18	> 18	> 24					
Range II				Vasopressor[F] Fluid bolus[F]	KVO IV **4** Dobutamine[A]	KVO IV **8** Furosemide[B.1,2,4]	KVO IV **12** Dobutamine[A]	KVO IV **16** Furosemide[B.1,3,4]
9-13	15-18	13-18	19-24					
Range III				**2** Superscript-refers to footnotes	Fluid bolus[C] **5**	Fluid bolus[C] **9**	Fluid bolus[C] **13**	**Liberal:** **17** KVO IV
								Conservative: **18** Furosemide[B.1,3,4]
4-8	10-14	8-12	14-18					
Range IV				Fluid bolus[F] Vasopressor[F]	Fluid bolus[C] **6**	Fluid bolus[C] **10**	Fluid bolus[C] **14**	**Liberal**: **19** Fluid bolus[D]
								Conservative: KVO IV **20**
< 4	< 10	< 8	< 14					

NOTE: numbers in upper right hand corner of each cell = cell numbers; superscripts refer to footnotes that may modify instructions.

FACTT ALGORITHM: CVC Conservative

Central Venous Pressure (mmHg)	MAP < 60 mm Hg or on: dopamine >5 mcg/kg/min or any dose of another vasopressor. Consider correctable causes of shock first.	MAP ≥ 60 mm Hg AND off vasopressors (Dopamine ≤ 5 mcg/kg/min is *not* a vasopressor)			
		Average UOP < 0.5 ml/kg/hr		Average UOP ≥ 0.5 ml/kg/hr	
		Ineffective Circulation Cold & mottled *with* capillary refill >2 sec (all 3 criteria present)	**Effective Circulation** *Absence* of ineffective circulation criteria	**Ineffective Circulation** Cold & mottled *with* capillary refill > 2 sec (all 3 criteria present)	**Effective Circulation** *Absence* of ineffective circulation criteria
> 13	Vasopressor[F]† Fluid bolus[F] **1***	KVO IV Dobutamine[A] Furosemide[B.1,2,4] **3**	KVO IV Furosemide[B.1,2,4] **7**	KVO IV Dobutamine[A] Furosemide[B.1,3,4] **11**	KVO IV Furosemide[B.1,3,4] **15**
9-13		KVO IV Dobutamine[A] **4**	KVO IV Furosemide[B.1,2,4] **8**	KVO IV Dobutamine[A] **12**	KVO IV Furosemide[B.1,3,4] **16**
4-8	Fluid bolus[F] Vasopressor[F] **2**	Fluid bolus[C] **5**	Fluid bolus[C] **9**	Fluid bolus[C] **13**	Furosemide[B.1,3,4] **18**
< 4		Fluid bolus[C] **6**	Fluid bolus[C] **10**	Fluid bolus[C] **14**	KVO IV *GOAL CELL* **20**

NOTE: numbers in upper right hand corner of each cell = cell numbers; superscripts refer to footnotes that may modify instructions.

FACTT Algorithm: CVC Liberal

Central Venous Pressure (mmHg)	MAP < 60 mm Hg or on: dopamine >5 mcg/kg/min or any dose of another vasopressor **Consider correctable causes of shock first.**	MAP ≥ 60 mm Hg AND off vasopressors (Dopamine ≤ 5 mcg/kg/min is *not* a vasopressor)			
		Average UOP < 0.5 ml/kg/hr		**Average UOP ≥ 0.5 ml/kg/hr**	
		Ineffective Circulation Cold & mottled *with* capillary refill >2 sec (all 3 criteria present)	**Effective Circulation** *Absence* of ineffective circulation criteria	**Ineffective Circulation** Cold & mottled *with* capillary refill 2 sec (all 3 criteria present)	**Effective Circulation** *Absence* of ineffective circulation criteria
> 18	*1 **	KVO IV Dobutamine[A] Furosemide[B.1,2,4] **3**	KVO IV Furosemide[B.1,2,4] **7**	KVO IV Dobutamine[A] Furosemide[B.1,3,4] **11**	KVO IV Furosemide[B.1,3,4] **15**
15-18	Vasopressor[F]† Fluid bolus[F]	KVO IV Dobutamine[A] **4**	KVO IV Furosemide[B.1,2,4] **8**	KVO IV Dobutamine[A] **12**	KVO IV Furosemide[B.1,3,4] **16**
10-14	*2*	Fluid bolus[C] **5**	Fluid bolus[C] **9**	Fluid bolus[C] **13**	KVO IV *GOAL CELL* **17**
< 10	Fluid bolus[F] Vasopressor[F]	Fluid bolus[C] **6**	Fluid bolus[C] **10**	Fluid bolus[C] **14**	Fluid bolus[D] **19**

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FACTT ALGORITHM: PAC Conservative

Pulmonary Artery Occlusion Pressure (mm Hg)	CVP (mm Hg) Use only if PA occlusion pressure unobtainable	MAP < 60 mm Hg or on: dopamine >5 mcg/kg/min or any dose of another vasopressor. Consider correctable causes of shock first.	MAP ≥ 60 mm Hg AND off vasopressors (Dopamine ≤ 5 mcg/kg/min is *not* a vasopressor)			
			Average UOP < 0.5 ml/kg/hr		Average hr UOP ≥ 0.5 ml/kg/hr	
			Ineffective Circulation C.I. < 2.5 (or cold & mottled with capillary refill >2 sec if CI unavailable)	**Effective Circulation** C.I. ≥ 2.5 (*or absence* of ineffective circulation criteria if CI unavailable)	**Ineffective Circulation** C.I. < 2.5 (or Cold & mottled with capillary refill > 2 sec if CI unavailable)	**Effective Circulation** C.I. ≥ 2.5 (or *absence* of ineffective circulation criteria if CI unavailable)
>18 / *>13*		***1****	KVO IV Dobutamine[A] Furosemide[B.1,2,4] **3**	KVO IV Furosemide[B.1,2,4] **7**	KVO IV Dobutamine[A] Furosemide[B.1,3,4] **11**	KVO IV Furosemide[B.1,3,4] **15**
13-18 / *9-13*		Vasopressor[F†] Fluid bolus[F]	KVO IV Dobutamine[A] **4**	KVO IV Furosemide[B.1,2,4] **8**	KVO IV Dobutamine[A] **12**	KVO IV Furosemide[B.1,3,4] **16**
8-12 / *4-8*		***2***	Fluid bolus[C] **5**	Fluid bolus[C] **9**	Fluid bolus[C] **13**	Furosemide[B.1,3,4] **18**
<8 / *<4*		Fluid bolus[F] Vasopressor[F]	Fluid bolus[C] **6**	Fluid bolus[C] **10**	Fluid bolus[C] **14**	KVO IV **20** *GOAL CELL*

NOTE: numbers in upper right hand corner of each cell = cell numbers; superscripts refer to footnotes that may modify instructions.

FACTT ALGORITHM: PAC Liberal

Pulmonary Artery Occlusion Pressure (mm Hg)	CVP (mm Hg) Use only if PA occlusion pressure unobtainable	MAP < 60 mm Hg or on: dopamine >5 mcg/kg/min or any dose of another vasopressor. Consider correctable causes of shock first.	MAP ≥ 60 mm Hg AND off vasopressors (Dopamine ≤ 5 mcg/kg/min is *not* a vasopressor)			
			Average UOP < 0.5 ml/kg/hr		Average UOP ≥ 0.5 ml/kg/hr	
			Ineffective Circulation C.I. < 2.5 (or cold & mottled with capillary refill >2 sec if CI unavailable)	**Effective Circulation** C.I. ≥ 2.5 (*or absence* of ineffective circulation criteria if CI unavailable)	**Ineffective Circulation** C.I. < 2.5 (or cold & mottled with capillary refill > 2 sec if CI unavailable)	**Effective Circulation** C.I. ≥ 2.5 (**or a**bsence of ineffective circulation criteria if CI unavailable)
>24	*>18*	*1** Vasopressor[F][†] Fluid bolus[F]	KVO IV **3** Dobutamine[A] Furosemide[B.1,2,4]	KVO IV **7** Furosemide[B.1,2,4]	KVO IV **11** Dobutamine[A] Furosemide[B.1,3,4]	KVO IV **15** Furosemide[B.1,3,4]
19-24	*15-18*		KVO IV **4** Dobutamine[A]	KVO IV **8** Furosemide[B.1,2,4]	KVO IV **12** Dobutamine[A]	KVO IV **16** Furosemide[B.1,3,4]
14-18	*10-14*	*2* Fluid bolus[F] Vasopressor[F]	Fluid bolus[C] **5**	Fluid bolus[C] **9**	Fluid bolus[C] **13**	**17** KVO IV *GOAL CELL*
<14	*<10*		Fluid bolus[C] **6**	Fluid bolus[C] **10**	Fluid bolus[C] **14**	**19** Fluid bolus[D]

NOTE: numbers in upper right hand corner of each cell = cell numbers; superscripts refer to footnotes that may modify instructions.