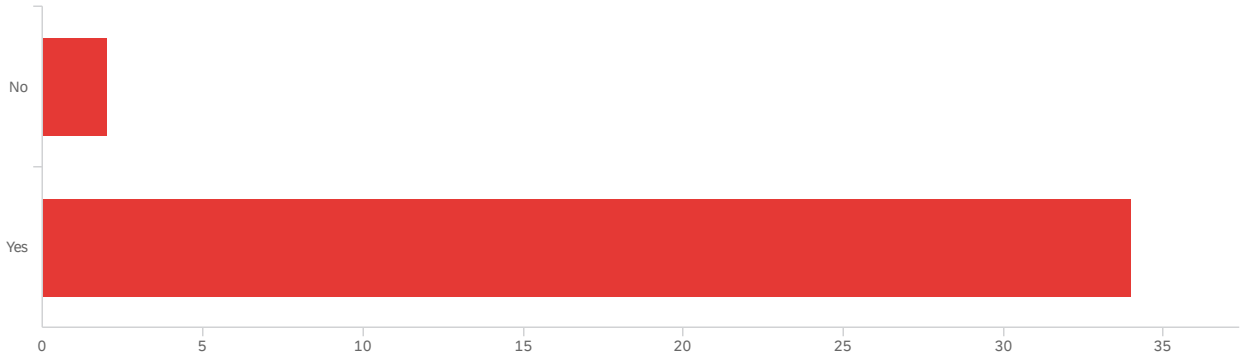
Default Report

Contrast Shortage Survey

July 23, 2022 3:34 PM MDT

Q4 - Are you aware of the current worldwide shortage in iodinated contrast dye ?

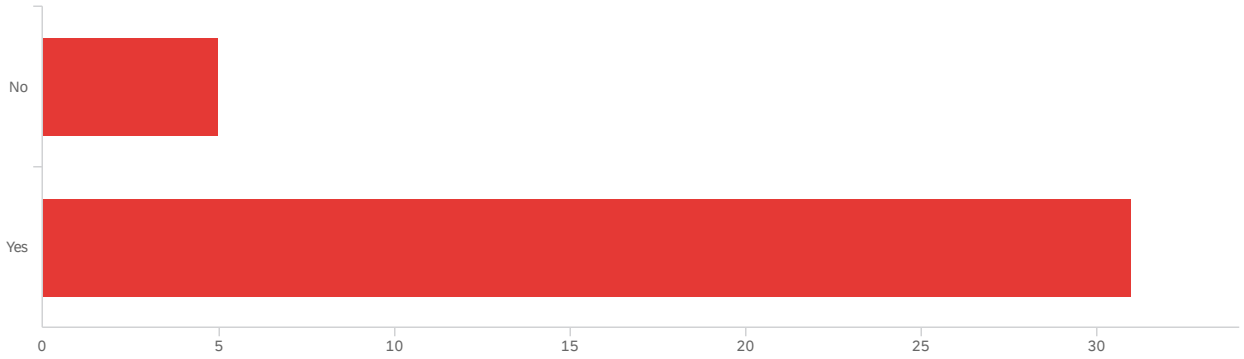


#	Field	Minimum	Maximum	Mean	Std Deviation	Variance	Count
1	Are you aware of the current worldwide shortage in iodinated contrast dye ?	1.00	2.00	1.94	0.23	0.05	36

#	Field		Choice Count
1	No	5.56%	2
2	Yes	94.44%	34
			36

Showing rows 1 - 3 of 3

Q5 - Is your hospital experiencing a shortage in contrast dye?

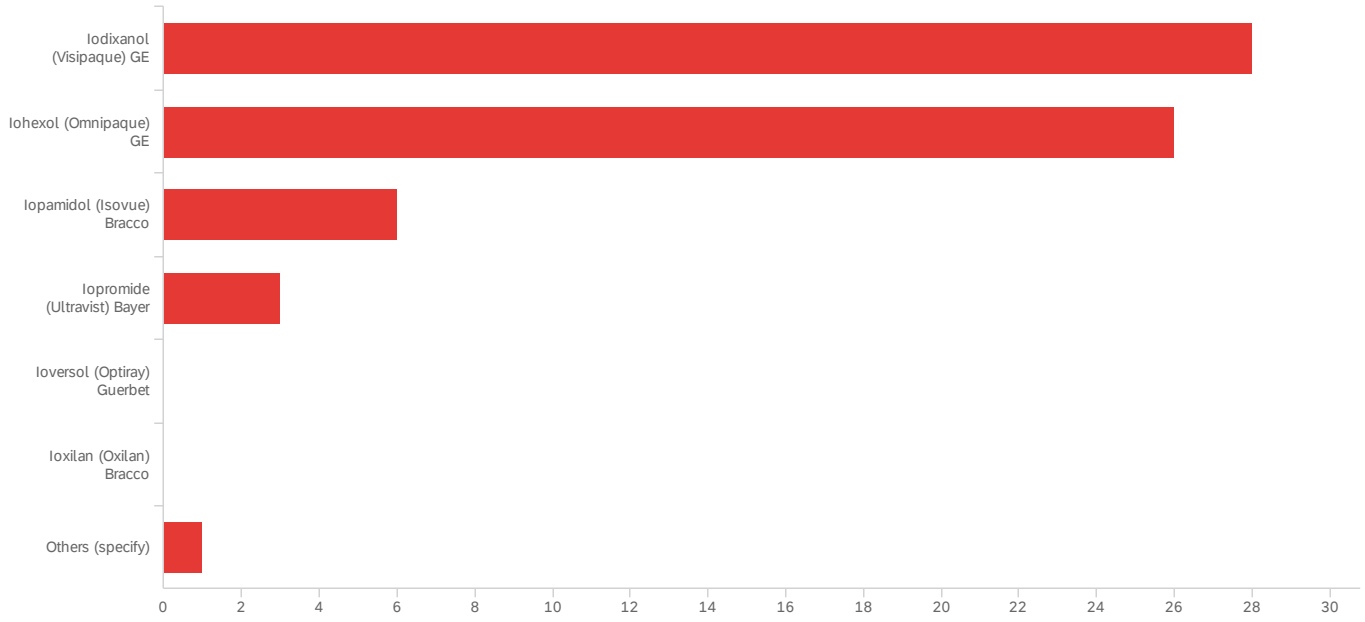


#	Field	Minimum	Maximum	Mean	Std Deviation	Variance	Count
1	Is your hospital experiencing a shortage in contrast dye?	1.00	2.00	1.86	0.35	0.12	36

#	Field		Choice Count
1	No	13.89%	5
2	Yes	86.11%	31
			36

Showing rows 1 - 3 of 3

Q6 - Which contrast agents do you use in the catheterization laboratory? (select all that apply)



Data source misconfigured for this visualization.

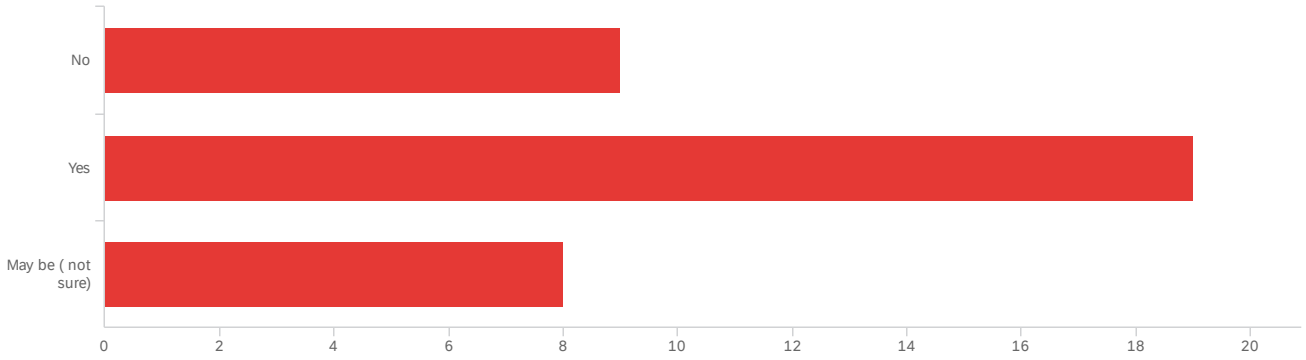
#	Field	Choice Count	
1	Iodixanol (Visipaque) GE	43.75%	28
2	Iohexol (Omnipaque) GE	40.63%	26
3	Iopamidol (Isovue) Bracco	9.38%	6
4	Iopromide (Ultravist) Bayer	4.69%	3
5	Ioversol (Optiray) Guerbet	0.00%	0
6	Ioxilan (Oxilan) Bracco	0.00%	0
7	Others (specify)	1.56%	1
			64

Showing rows 1 - 8 of 8

Q6_7_TEXT - Others (specify)

Others (specify)
Iobitridol (Guerbet)

Q7 - Do you or the medical director of the cath lab have input into the choice of contrast media purchased?

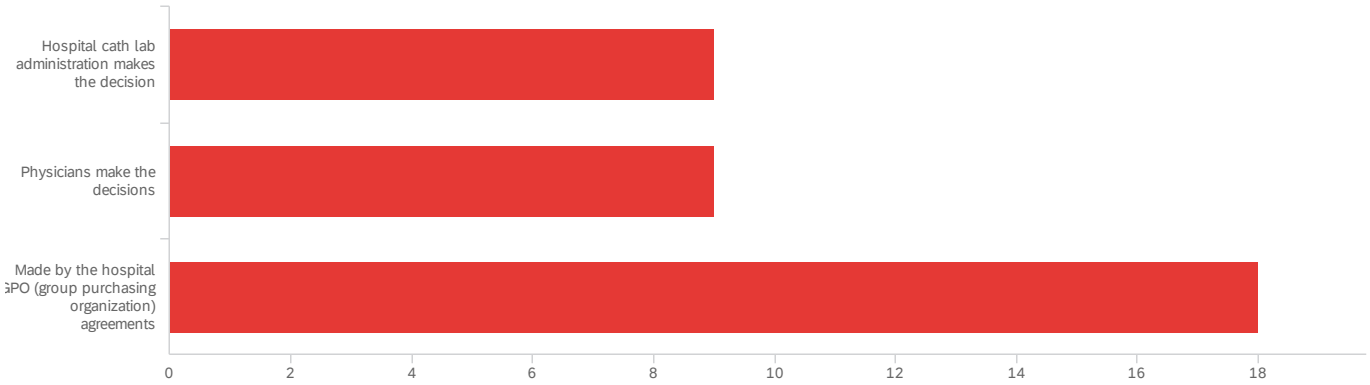


#	Field	Minimum	Maximum	Mean	Std Deviation	Variance	Count
1	Do you or the medical director of the cath lab have input into the choice of contrast media purchased?	1.00	3.00	1.97	0.69	0.47	36

#	Field		Choice Count
1	No	25.00%	9
2	Yes	52.78%	19
3	May be (not sure)	22.22%	8
			36

Showing rows 1 - 4 of 4

Q8 - How is the decision made to purchase specific types of contrast agents? (select all that apply)

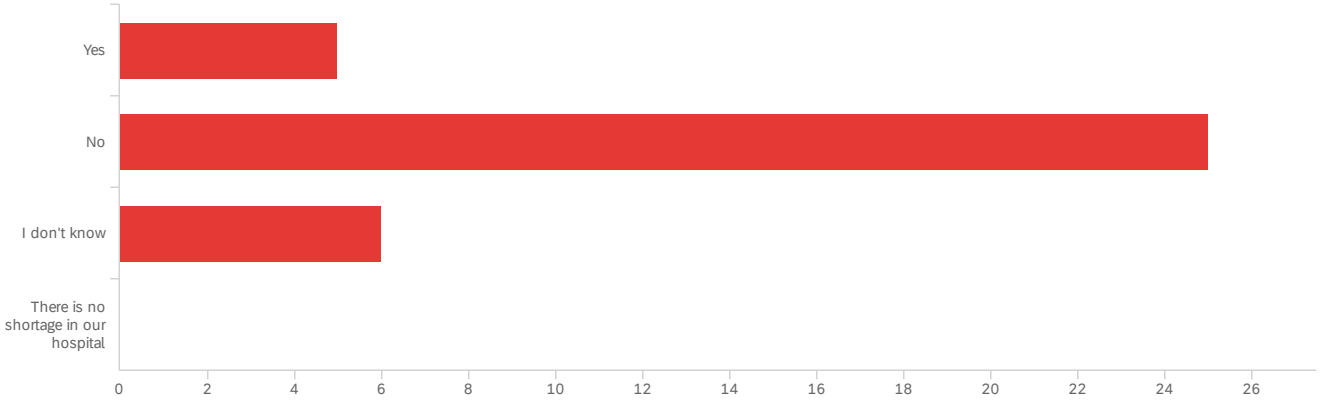


Data source misconfigured for this visualization.

#	Field	Choice Count	
1	Hospital cath lab administration makes the decision	25.00%	9
2	Physicians make the decisions	25.00%	9
3	Made by the hospital GPO (group purchasing organization) agreements	50.00%	18
			36

Showing rows 1 - 4 of 4

Q9 - Has your hospital had to borrow contrast dye from another hospital system?



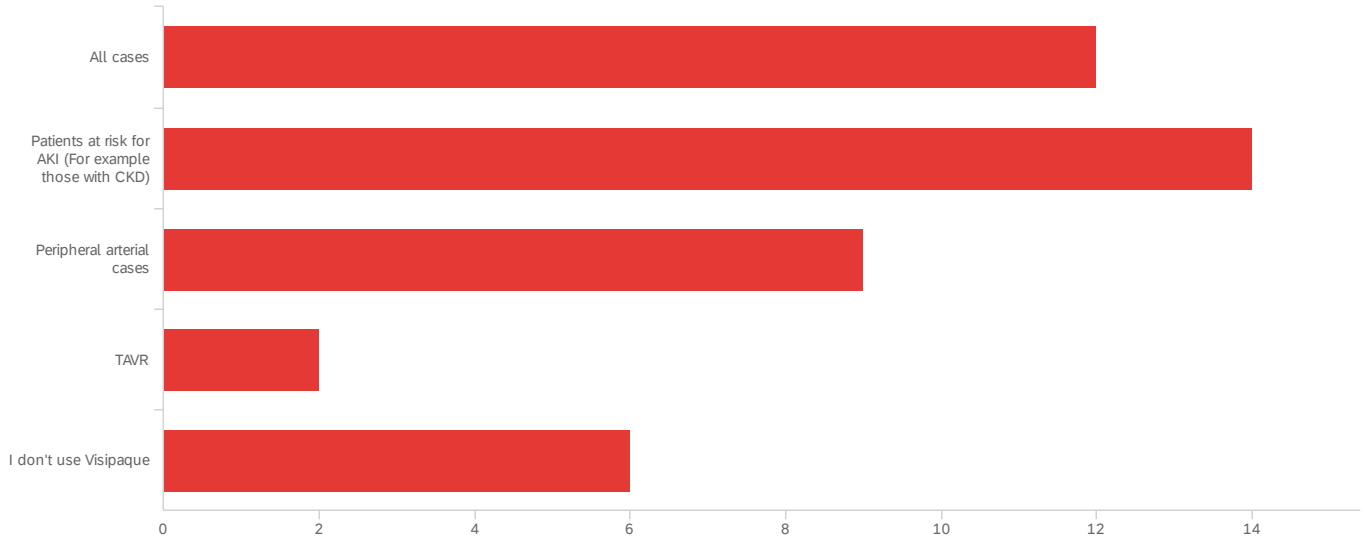
#	Field	Minimum	Maximum	Mean	Std Deviation	Variance	Count
1	Has your hospital had to borrow contrast dye from another hospital system?	1.00	3.00	2.03	0.55	0.30	36

#	Field		Choice Count
1	Yes	13.89%	5
2	No	69.44%	25
3	I don't know	16.67%	6
4	There is no shortage in our hospital	0.00%	0
			36

Showing rows 1 - 5 of 5

Q10 - For what types of cases do you use Iodixanol (Visipaque) GE in your cath lab?

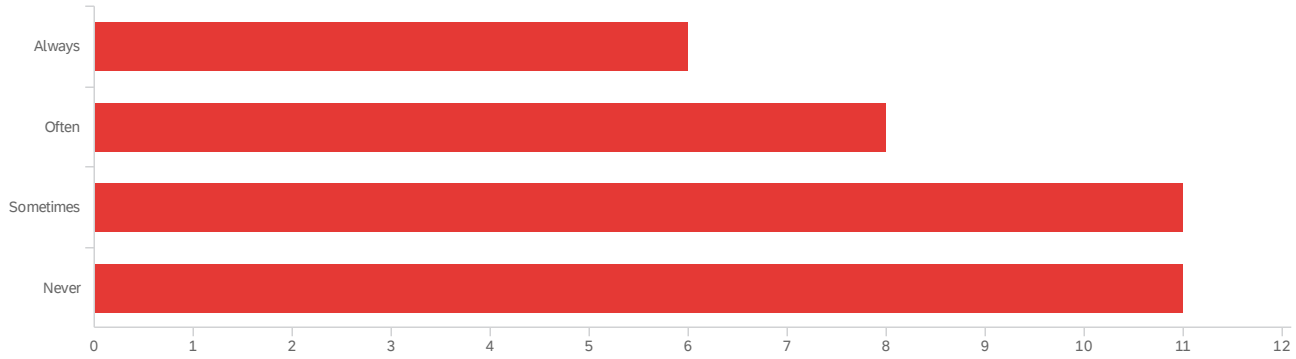
(select all that apply)



#	Field		Choice Count
1	All cases	27.91%	12
2	Patients at risk for AKI (For example those with CKD)	32.56%	14
3	Peripheral arterial cases	20.93%	9
4	TAVR	4.65%	2
5	I don't use Visipaque	13.95%	6
			43

Showing rows 1 - 6 of 6

Q11 - For patients at risk for AKI, does our contrast choice matter?

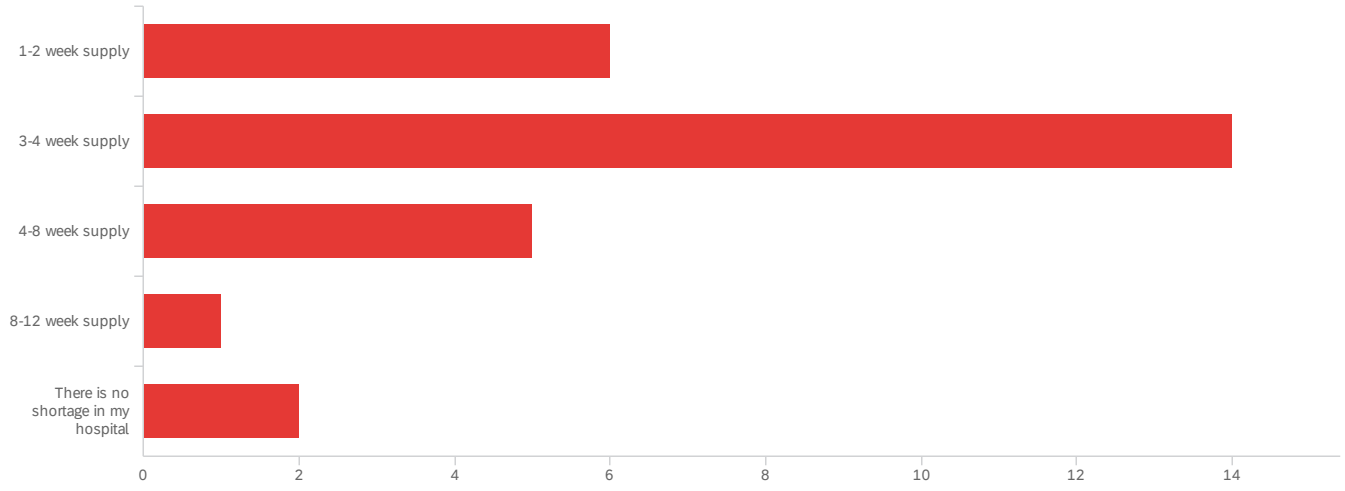


#	Field	Minimum	Maximum	Mean	Std Deviation	Variance	Count
1	For patients at risk for AKI, does our contrast choice matter?	1.00	4.00	2.75	1.06	1.13	36

#	Field		Choice Count
1	Always	16.67%	6
2	Often	22.22%	8
3	Sometimes	30.56%	11
4	Never	30.56%	11
			36

Showing rows 1 - 5 of 5

Q12 - Approximately how much contrast dye does your hospital have on hand currently for the cath lab?

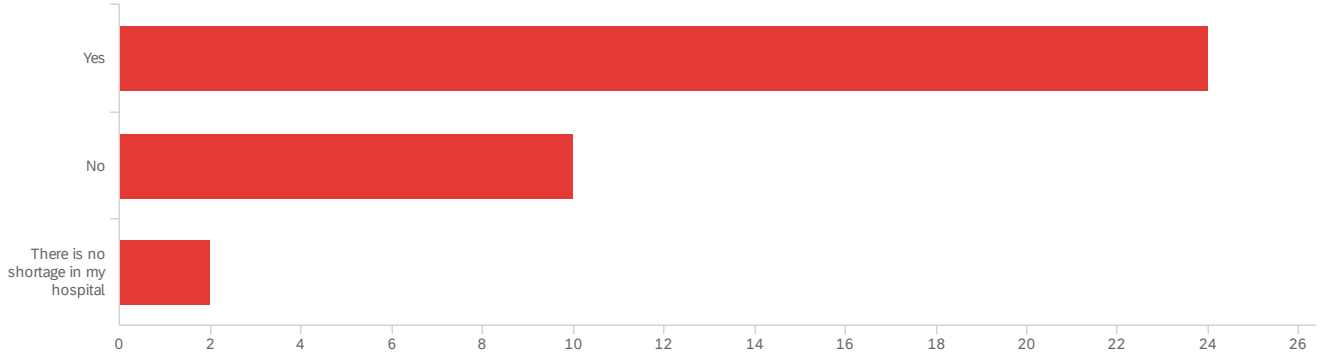


#	Field	Minimum	Maximum	Mean	Std Deviation	Variance	Count
1	Approximately how much contrast dye does your hospital have on hand currently for the cath lab?	1.00	6.00	2.32	1.26	1.58	28

#	Field		Choice Count
1	1-2 week supply	21.43%	6
2	3-4 week supply	50.00%	14
3	4-8 week supply	17.86%	5
4	8-12 week supply	3.57%	1
6	There is no shortage in my hospital	7.14%	2
			28

Showing rows 1 - 6 of 6

Q13 - Have you triaged and deferred elective cases due to the contrast shortage?

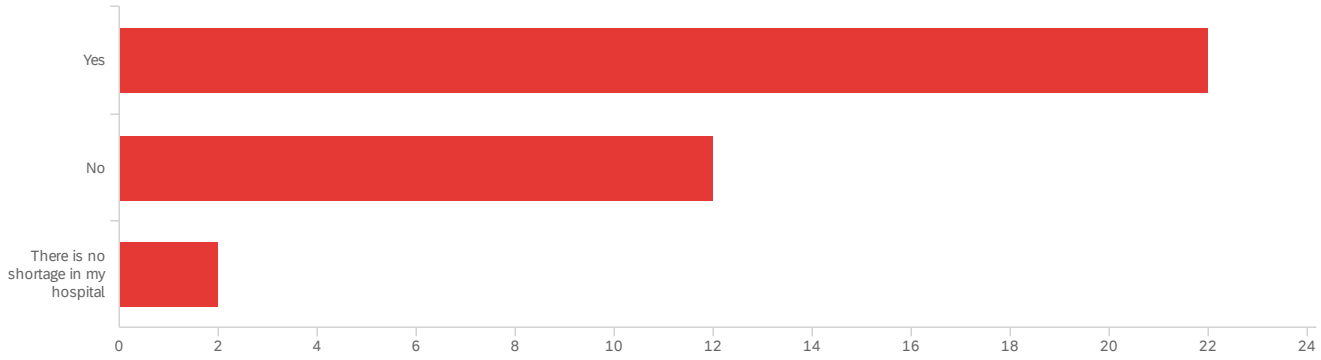


#	Field	Minimum	Maximum	Mean	Std Deviation	Variance	Count
1	Have you triaged and deferred elective cases due to the contrast shortage?	2.00	4.00	2.39	0.59	0.35	36

#	Field		Choice Count
2	Yes	66.67%	24
3	No	27.78%	10
4	There is no shortage in my hospital	5.56%	2
			36

Showing rows 1 - 4 of 4

Q14 - Have you triaged and deferred stable outpatient coronary cases due to the contrast shortage?

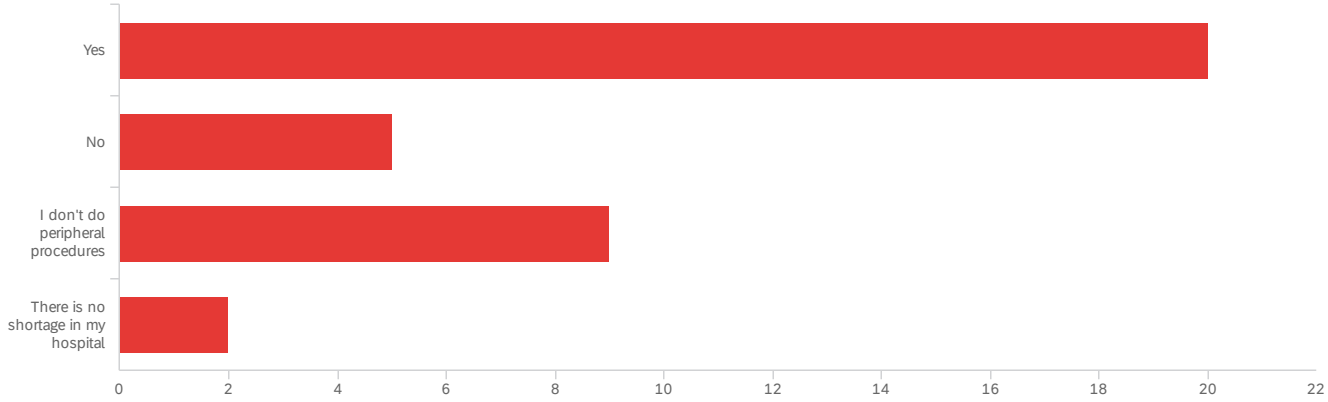


#	Field	Minimum	Maximum	Mean	Std Deviation	Variance	Count
1	Have you triaged and deferred stable outpatient coronary cases due to the contrast shortage?	1.00	3.00	1.44	0.60	0.36	36

#	Field		Choice Count
1	Yes	61.11%	22
2	No	33.33%	12
3	There is no shortage in my hospital	5.56%	2
			36

Showing rows 1 - 4 of 4

Q15 - Have you deferred peripheral angiograms/interventions (for claudication)?

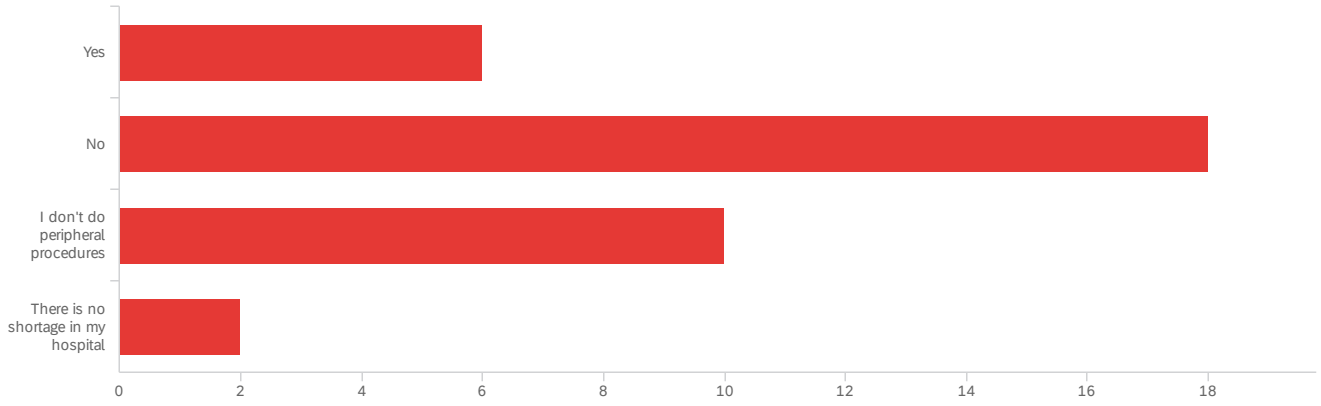


#	Field	Minimum	Maximum	Mean	Std Deviation	Variance	Count
1	Have you deferred peripheral angiograms/interventions (for claudication)?	1.00	4.00	1.81	0.99	0.99	36

#	Field		Choice Count
1	Yes	55.56%	20
2	No	13.89%	5
3	I don't do peripheral procedures	25.00%	9
4	There is no shortage in my hospital	5.56%	2
			36

Showing rows 1 - 5 of 5

Q16 - Have you deferred peripheral angiograms/interventions (for CLI)?

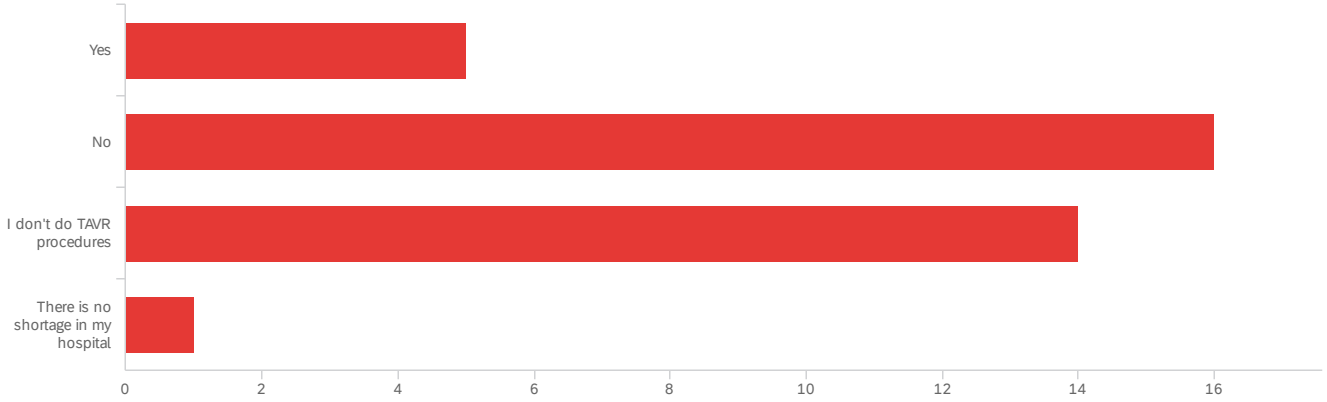


#	Field	Minimum	Maximum	Mean	Std Deviation	Variance	Count
1	Have you deferred peripheral angiograms/interventions (for CLI)?	1.00	4.00	2.22	0.79	0.62	36

#	Field		Choice Count
1	Yes	16.67%	6
2	No	50.00%	18
3	I don't do peripheral procedures	27.78%	10
4	There is no shortage in my hospital	5.56%	2
			36

Showing rows 1 - 5 of 5

Q17 - Have you deferred TAVR cases?



#	Field	Minimum	Maximum	Mean	Std Deviation	Variance	Count
1	Have you deferred TAVR cases?	1.00	4.00	2.31	0.74	0.55	36

#	Field		Choice Count
1	Yes	13.89%	5
2	No	44.44%	16
3	I don't do TAVR procedures	38.89%	14
4	There is no shortage in my hospital	2.78%	1
			36

Showing rows 1 - 5 of 5

Q18#1 - For outpatients, what is your approach to deferring/rescheduling due to the contrast shortage? - Select most widely used strategy

#	Field	Must be done	Can be delayed up to 4 weeks	Can be delayed > 4 weeks	Total
1	Class I/II angina	9.09% 2	31.82% 7	59.09% 13	22
2	Class III/IV angina	61.90% 13	23.81% 5	14.29% 3	21
3	Newly diagnosed systolic heart failure	38.10% 8	23.81% 5	38.10% 8	21
4	Ischemia on non-invasive testing or abnormal coronary CT angiogram with otherwise stable symptoms	19.05% 4	38.10% 8	42.86% 9	21
5	Pre-solid organ transplant (liver)	25.00% 5	30.00% 6	45.00% 9	20
6	Pre-solid organ transplant (kidney)	20.00% 4	30.00% 6	50.00% 10	20
7	Pre-solid organ transplant (lung)	25.00% 5	30.00% 6	45.00% 9	20
8	Pre-non cardiac surgery (other than transplant)	5.00% 1	45.00% 9	50.00% 10	20

Showing rows 1 - 8 of 8

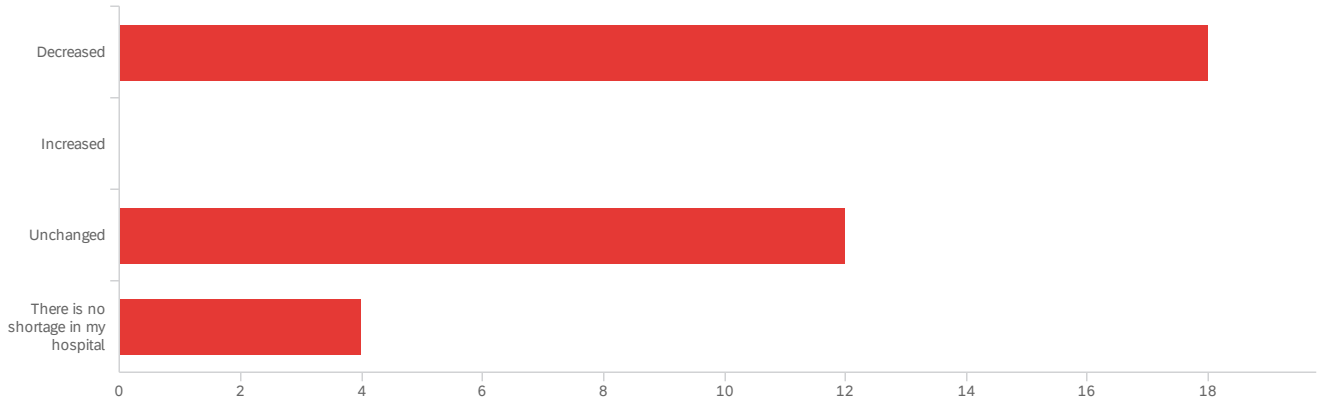
#	Field	Minimum	Maximum	Mean	Std Deviation	Variance	Count
1	Class I/II angina	1.00	3.00	2.50	0.66	0.43	22
2	Class III/IV angina	1.00	3.00	1.52	0.73	0.54	21
3	Newly diagnosed systolic heart failure	1.00	3.00	2.00	0.87	0.76	21
4	Ischemia on non-invasive testing or abnormal coronary CT angiogram with otherwise stable symptoms	1.00	3.00	2.24	0.75	0.56	21
5	Pre-solid organ transplant (liver)	1.00	3.00	2.20	0.81	0.66	20
6	Pre-solid organ transplant (kidney)	1.00	3.00	2.30	0.78	0.61	20
7	Pre-solid organ transplant (lung)	1.00	3.00	2.20	0.81	0.66	20
8	Pre-non cardiac surgery (other than transplant)	1.00	3.00	2.45	0.59	0.35	20

#	Field	Must be done	Can be delayed up to 4 weeks	Can be delayed > 4 weeks	Total
1	Class I/II angina	9.09% 2	31.82% 7	59.09% 13	22

#	Field	Must be done	Can be delayed up to 4 weeks	Can be delayed > 4 weeks	Total
2	Class III/IV angina	61.90% 13	23.81% 5	14.29% 3	21
3	Newly diagnosed systolic heart failure	38.10% 8	23.81% 5	38.10% 8	21
4	Ischemia on non-invasive testing or abnormal coronary CT angiogram with otherwise stable symptoms	19.05% 4	38.10% 8	42.86% 9	21
5	Pre-solid organ transplant (liver)	25.00% 5	30.00% 6	45.00% 9	20
6	Pre-solid organ transplant (kidney)	20.00% 4	30.00% 6	50.00% 10	20
7	Pre-solid organ transplant (lung)	25.00% 5	30.00% 6	45.00% 9	20
8	Pre-non cardiac surgery (other than transplant)	5.00% 1	45.00% 9	50.00% 10	20

Showing rows 1 - 8 of 8

Q19 - During the contrast shortage what has happened to your complex PCI volume (CTOs, LM, Impella)?

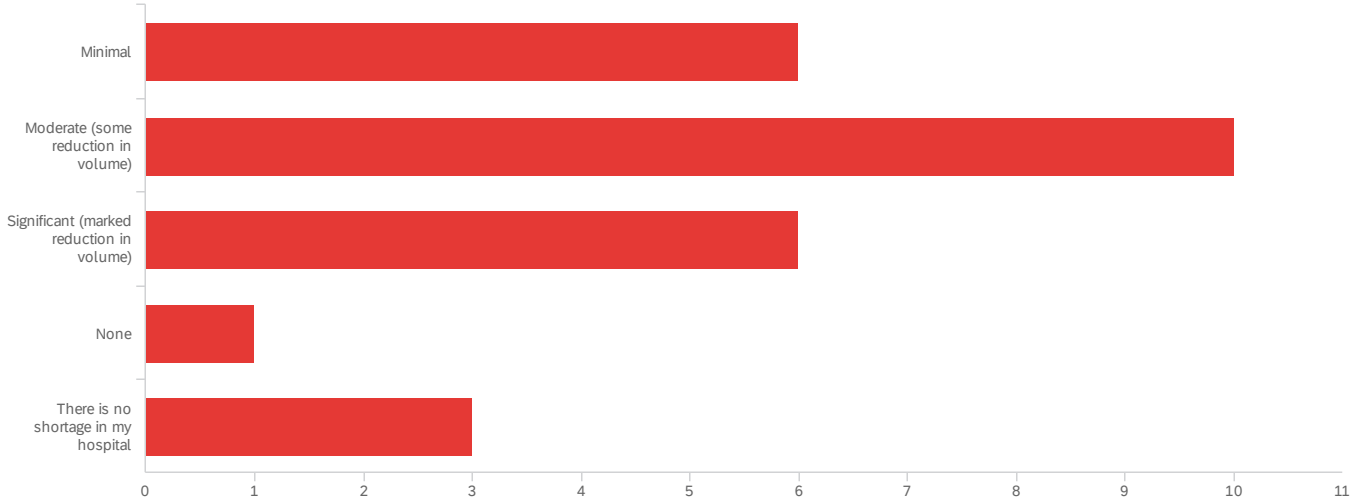


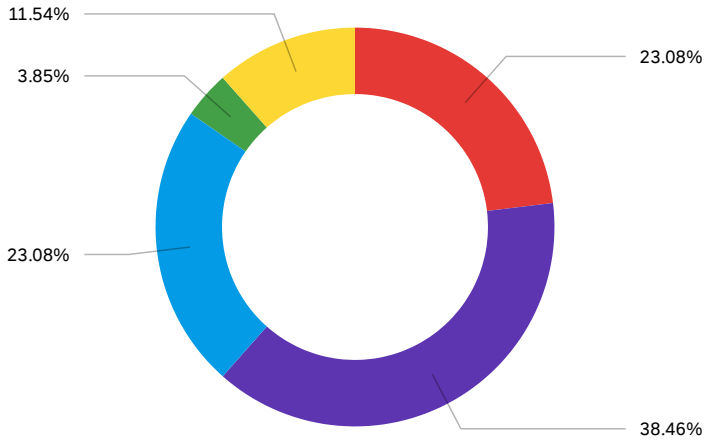
#	Field	Minimum	Maximum	Mean	Std Deviation	Variance	Count
1	During the contrast shortage what has happened to your complex PCI volume (CTOs, LM, Impella)?	1.00	4.00	2.06	1.16	1.35	34

#	Field		Choice Count
1	Decreased	52.94%	18
2	Increased	0.00%	0
3	Unchanged	35.29%	12
4	There is no shortage in my hospital	11.76%	4
			34

Showing rows 1 - 5 of 5

Q20 - The impact on fellow education of the contrast shortage has been:





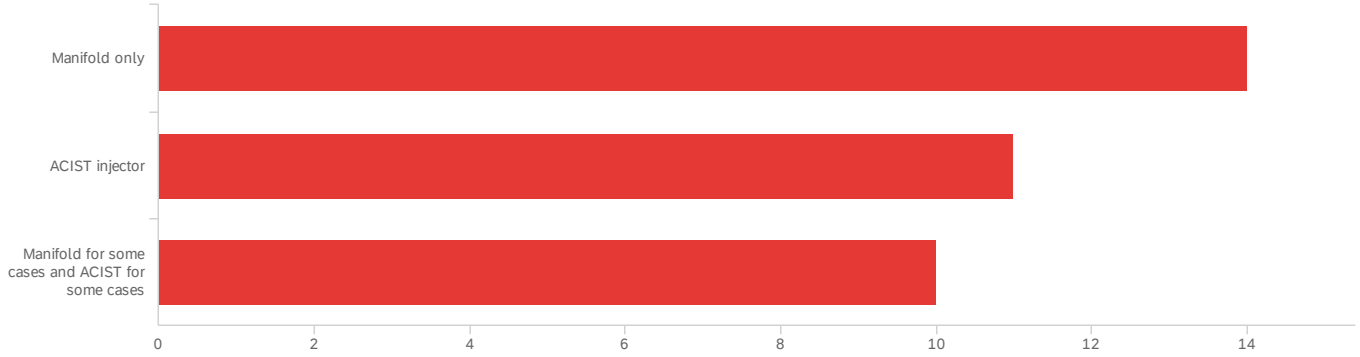
Minimal | Moderate (some reduction in volume) | Significant (marked reduction in volume) | None | There is no shortage in my hospital

#	Field	Choice Count	
1	Minimal	23.08%	6
2	Moderate (some reduction in volume)	38.46%	10
3	Significant (marked reduction in volume)	23.08%	6
4	None	3.85%	1
5	There is no shortage in my hospital	11.54%	3

#	Field	Choice Count
		26

Showing rows 1 - 6 of 6

Q21 - How do you administer contrast in your cath lab?

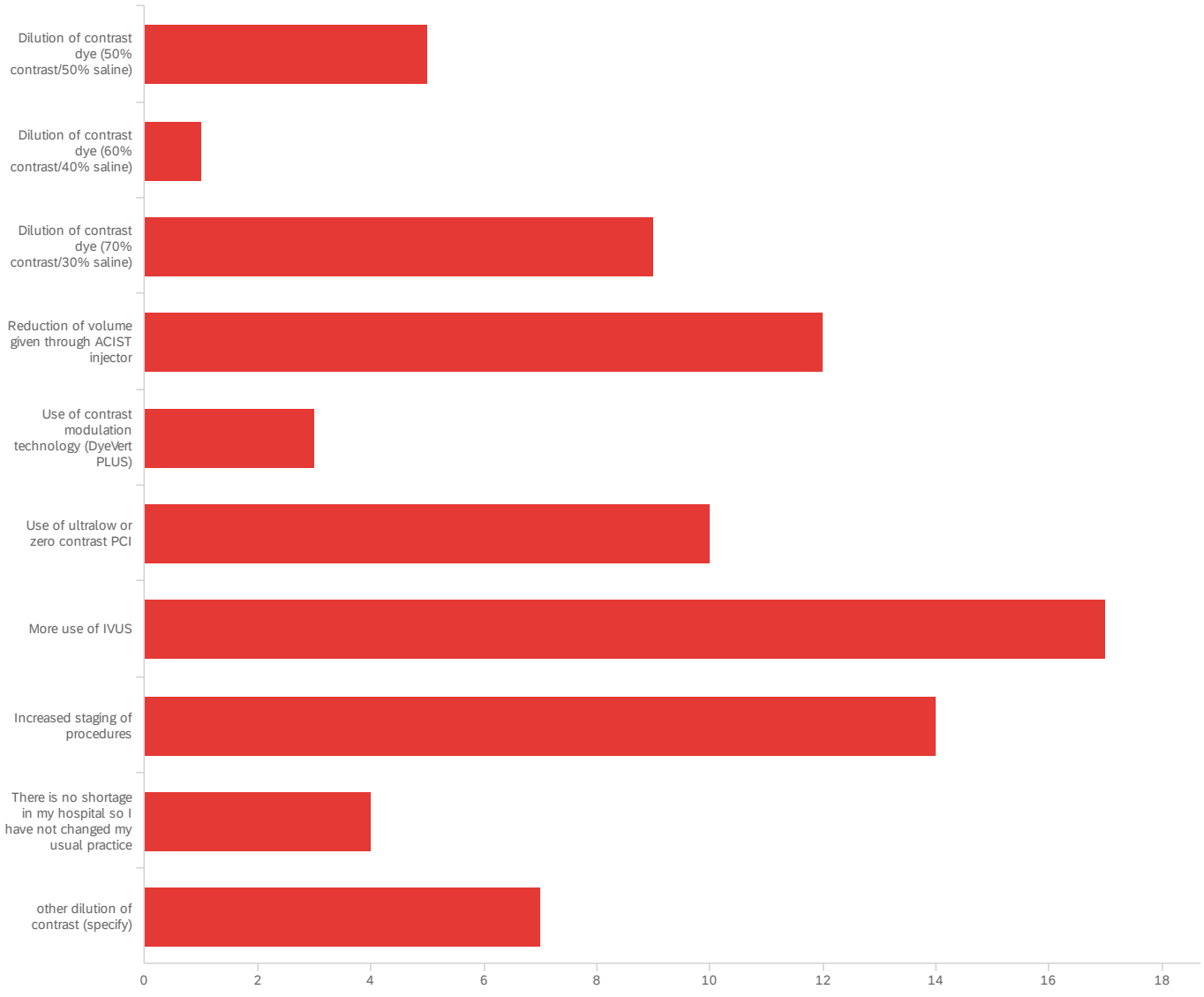


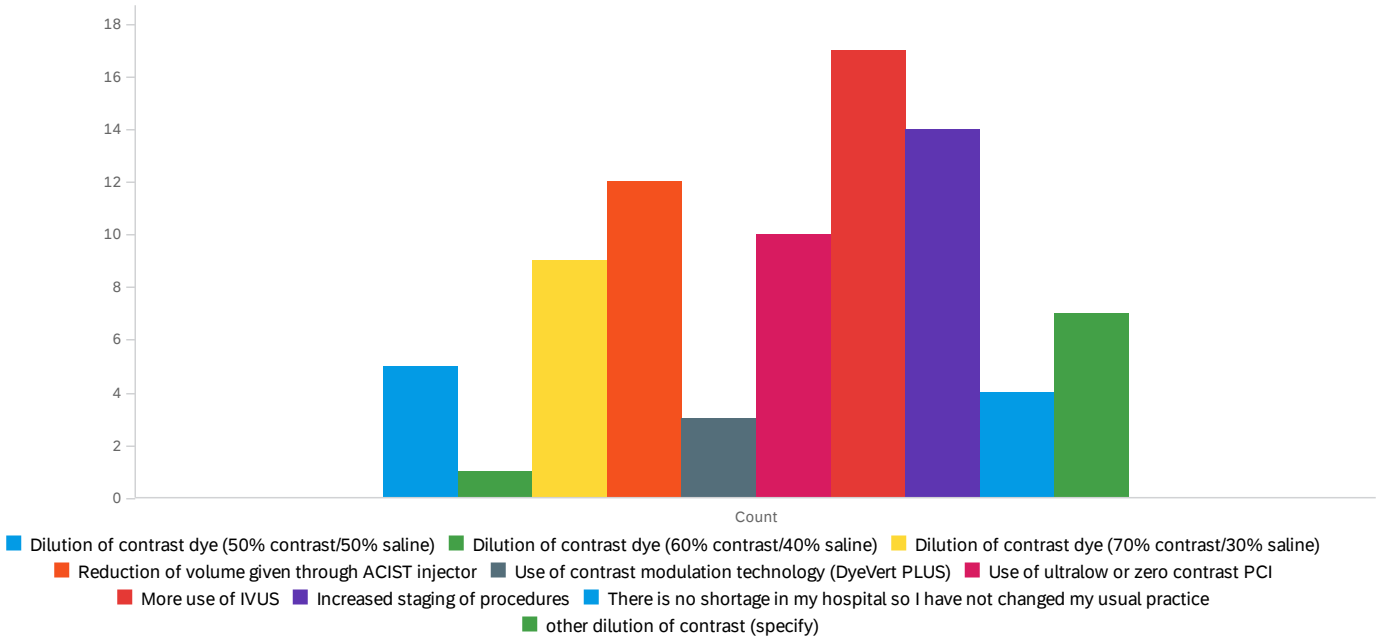
#	Field	Minimum	Maximum	Mean	Std Deviation	Variance	Count
1	How do you administer contrast in your cath lab?	1.00	3.00	1.89	0.82	0.67	35

#	Field		Choice Count
1	Manifold only	40.00%	14
2	ACIST injector	31.43%	11
3	Manifold for some cases and ACIST for some cases	28.57%	10
			35

Showing rows 1 - 4 of 4

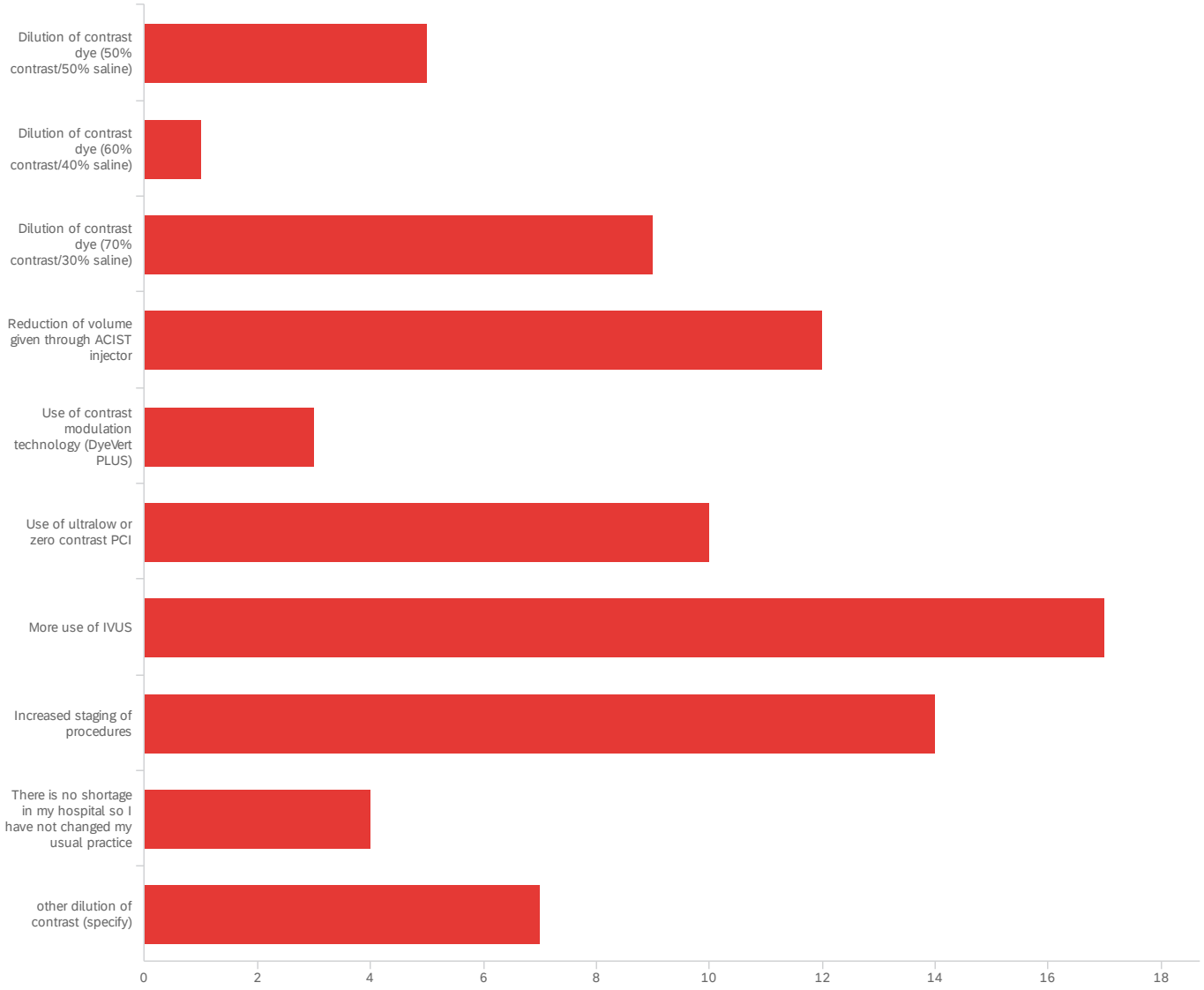
Q22 - For CORONARY cases which of the following procedural techniques have you used to reduce contrast use during the shortage? (select all that apply)





Q21_11_TEXT - other dilution of contrast (specify)

other dilution of contrast (specify)
Bunching cases on certain days to be most efficient for Acist use
Breaking up 150cc bottles to 50cc syringes
CO2 FOR PERIPHERSL
We have not diluted the contrast. just cautious on the amount of dye used.
Splitting contrast into smaller bottles so less residual waste
no ventriculograms
Decrease waste by getting rid of tubing which requires priming; instead we fill up a 30CC and hook it up directly to manifold

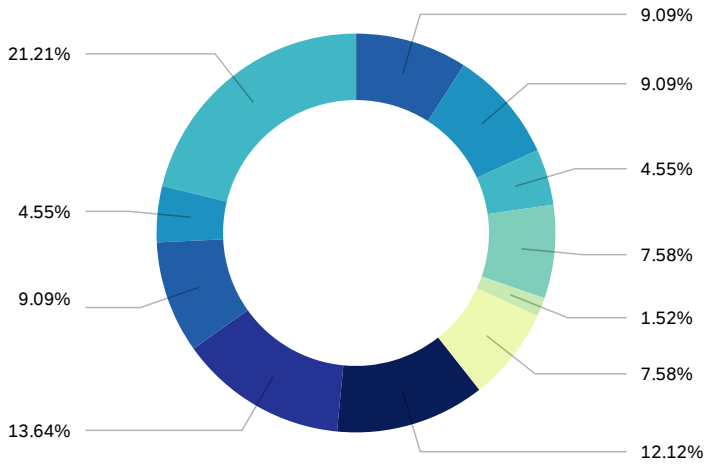


#	Field	Choice Count	
1	Dilution of contrast dye (50% contrast/50% saline)	6.10%	5
2	Dilution of contrast dye (60% contrast/40% saline)	1.22%	1
3	Dilution of contrast dye (70% contrast/30% saline)	10.98%	9
5	Reduction of volume given through ACIST injector	14.63%	12
6	Use of contrast modulation technology (DyeVert PLUS)	3.66%	3
7	Use of ultralow or zero contrast PCI	12.20%	10
8	More use of IVUS	20.73%	17
9	Increased staging of procedures	17.07%	14
10	There is no shortage in my hospital so I have not changed my usual practice	4.88%	4
11	other dilution of contrast (specify)	8.54%	7

#	Field	Choice Count
		82

Showing rows 1 - 11 of 11

Q23 - For PERIPHERAL cases which of the following procedural techniques have you used to reduce contrast use during the shortage? (select all that apply)



Dilution of contrast dye (50% contrast/50% saline) Dilution of contrast dye (60% contrast/40% saline) Dilution of contrast dye (70% contrast/30% saline) Reduction of volume given through ACIST injector Use of contrast modulation technology (DyeVert PLUS) More use of IVUS Increased staging of procedures Use of CO2 imaging Use of more selective catheter injections There is no shortage in my hospital so I have not changed my usual practice I don't do peripheral procedures other dilution of contrast (specify)

#	Field	Choice Count
1	Dilution of contrast dye (50% contrast/50% saline)	9.09% 6
2	Dilution of contrast dye (60% contrast/40% saline)	9.09% 6
3	Dilution of contrast dye (70% contrast/30% saline)	4.55% 3
5	Reduction of volume given through ACIST injector	7.58% 5
6	Use of contrast modulation technology (DyeVert PLUS)	1.52% 1
7	More use of IVUS	7.58% 5
8	Increased staging of procedures	12.12% 8
9	Use of CO2 imaging	13.64% 9
10	Use of more selective catheter injections	9.09% 6
11	There is no shortage in my hospital so I have not changed my usual practice	4.55% 3

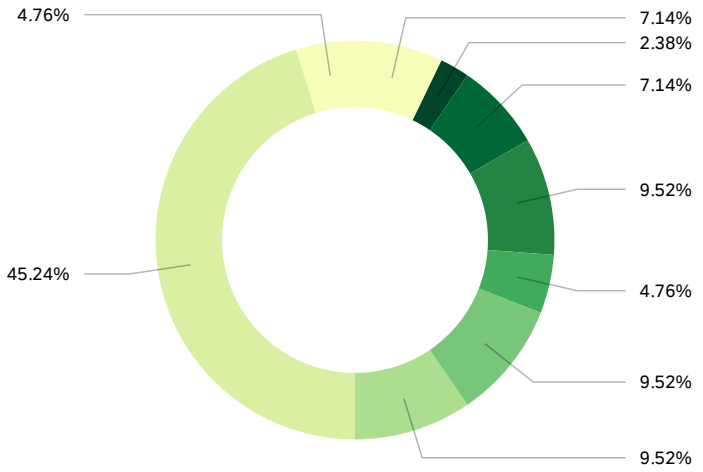
#	Field		Choice Count
12	I don't do peripheral procedures	21.21%	14
13	other dilution of contrast (specify)	0.00%	0
			66

Showing rows 1 - 13 of 13

Q22_13_TEXT - other dilution of contrast (specify)

other dilution of contrast (specify)

Q24 - For TAVR cases which of the following procedural techniques have you used to reduce contrast use during the shortage? (select all that apply)



Dilution of contrast dye (50% contrast/50% saline)
Dilution of contrast dye (60% contrast/40% saline)
Dilution of contrast dye (70% contrast/30% saline)
Reduction of volume given through ACIST injector
Use of catheters to mark the non-coronary cusp/landmark for deployment
Use of non contrast CT scans for valve planning
There is no shortage in my hospital so I have not changed my usual practice
I don't do TAVR procedures
other dilution of contrast (specify)

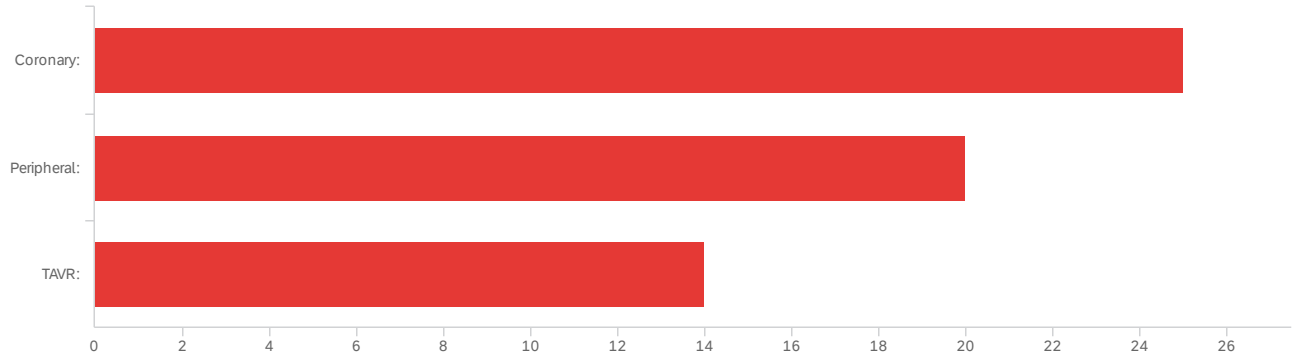
#	Field	Choice Count	
1	Dilution of contrast dye (50% contrast/50% saline)	7.14%	3
2	Dilution of contrast dye (60% contrast/40% saline)	2.38%	1
3	Dilution of contrast dye (70% contrast/30% saline)	7.14%	3
5	Reduction of volume given through ACIST injector	9.52%	4
6	Use of catheters to mark the non-coronary cusp/landmark for deployment	4.76%	2
7	Use of non contrast CT scans for valve planning	9.52%	4
9	There is no shortage in my hospital so I have not changed my usual practice	9.52%	4
10	I don't do TAVR procedures	45.24%	19
11	other dilution of contrast (specify)	4.76%	2
			42

Showing rows 1 - 10 of 10

Q23_11_TEXT - other dilution of contrast (specify)

other dilution of contrast (specify)
No change
no change to TAVR

Q25 - What is the optimal contrast dilution (contrast%/saline%) for the following applications when trying to saving contrast:



#	Field		Choice Count
1	Coronary:	42.37%	25
2	Peripheral:	33.90%	20
3	TAVR:	23.73%	14
			59

Showing rows 1 - 4 of 4

Q24_1_TEXT - Coronary:

Coronary:
70/20
70%
Don’t know
80
70/30
100% contrasr
no dilution
Na
30

Coronary:
70%/30%
100/0
50
50/50
50/50
80/20
80-20
0
70/30
50/50
25%
90/10
80/20
70/30
70/30
20-20

Q24_2_TEXT - Peripheral:

Peripheral:
50/50
50%
Don’t know
70
70:30

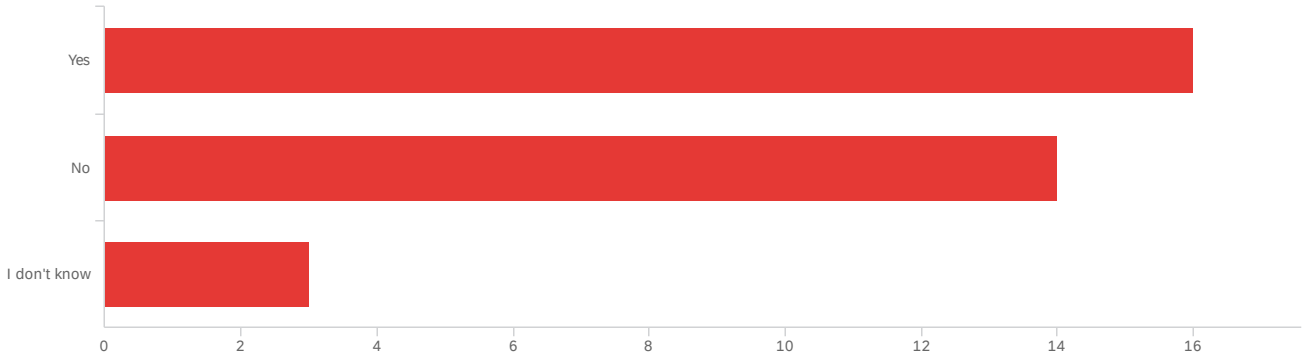
Peripheral:
Na
50
30%/70%
50/50
70
50/50
50/50
70-30
0
50/50
60/40
40/60
50/50
50/50
10-10

Q24_3_TEXT - TAVR:

TAVR:
80/20
60%
Don’t know
50/50
Don’t do
Na

TAVR:
80%/20%
Na
50/50
70-30
0
50/50
70/30
20-20

Q26 - My cath lab uses a contrast miser or similar device to allow a bottle of contrast to be used on multiple patients when using a manifold

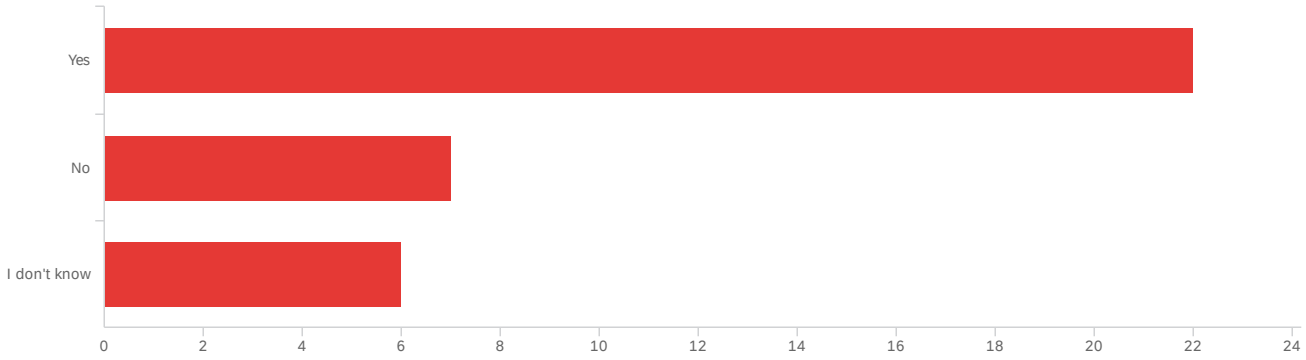


#	Field	Minimum	Maximum	Mean	Std Deviation	Variance	Count
1	My cath lab uses a contrast miser or similar device to allow a bottle of contrast to be used on multiple patients when using a manifold	1.00	3.00	1.61	0.65	0.42	33

#	Field		Choice Count
1	Yes	48.48%	16
2	No	42.42%	14
3	I don't know	9.09%	3
			33

Showing rows 1 - 4 of 4

Q27 - My cath lab can use the bottle of contrast and the left-over contrast in the injection syringe in an ACIST injector for multiple patients

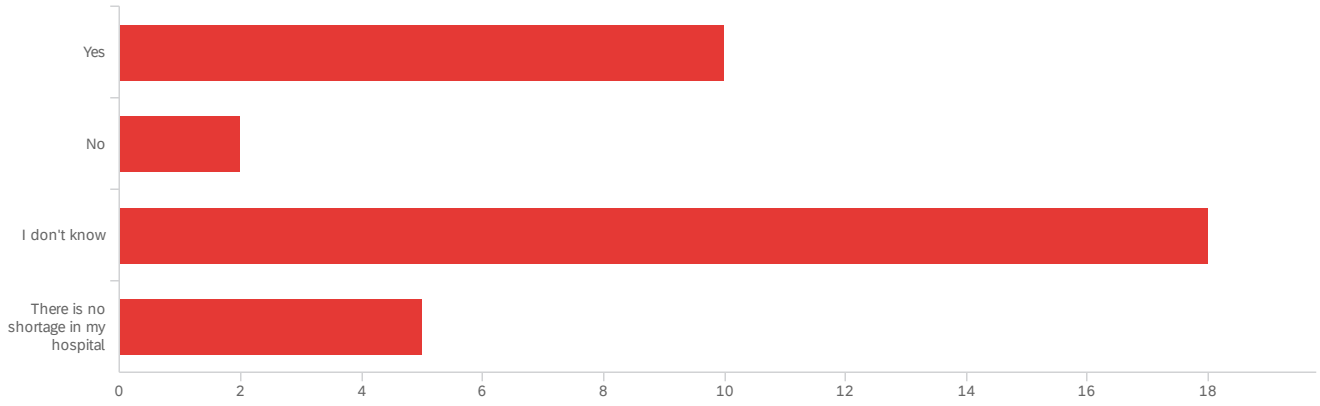


#	Field	Minimum	Maximum	Mean	Std Deviation	Variance	Count
1	My cath lab can use the bottle of contrast and the left-over contrast in the injection syringe in an ACIST injector for multiple patients	1.00	3.00	1.54	0.77	0.59	35

#	Field		Choice Count
1	Yes	62.86%	22
2	No	20.00%	7
3	I don't know	17.14%	6
			35

Showing rows 1 - 4 of 4

Q28 - Moving forward, given the shortage is your hospital going to acquire contrast from more than one vendor?

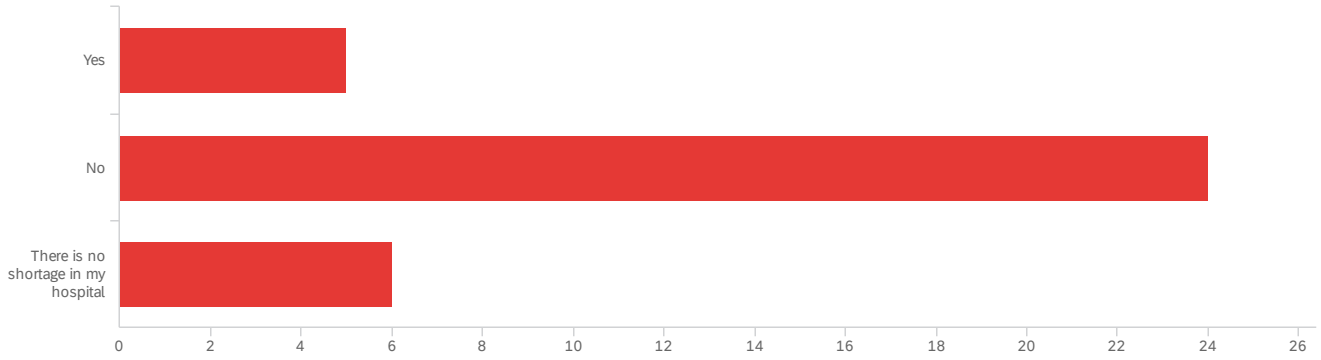


#	Field	Minimum	Maximum	Mean	Std Deviation	Variance	Count
1	Moving forward, given the shortage is your hospital going to acquire contrast from more than one vendor?	1.00	4.00	2.51	1.05	1.11	35

#	Field		Choice Count
1	Yes	28.57%	10
2	No	5.71%	2
3	I don't know	51.43%	18
4	There is no shortage in my hospital	14.29%	5
			35

Showing rows 1 - 5 of 5

Q29 - Moving forward, do you anticipate having to defer or transfer out urgent/inpatients (NSTEMI, heart failure, etc) due to the contrast shortage?

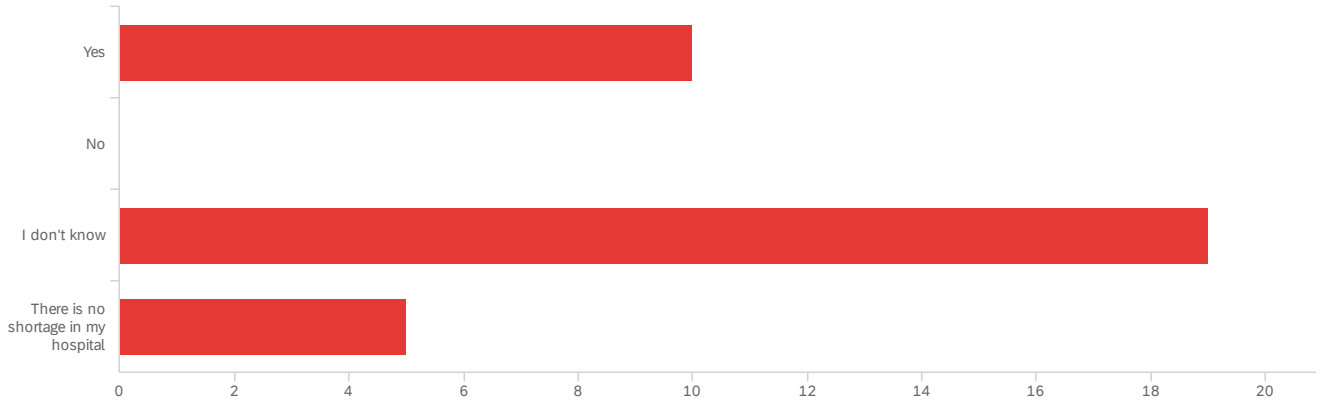


#	Field	Minimum	Maximum	Mean	Std Deviation	Variance	Count
1	Moving forward, do you anticipate having to defer or transfer out urgent/inpatients (NSTEMI, heart failure, etc) due to the contrast shortage?	1.00	3.00	2.03	0.56	0.31	35

#	Field		Choice Count
1	Yes	14.29%	5
2	No	68.57%	24
3	There is no shortage in my hospital	17.14%	6
			35

Showing rows 1 - 4 of 4

Q30 - Moving forward, given the shortage is your hospital going to increase their total stock of contrast?



#	Field	Minimum	Maximum	Mean	Std Deviation	Variance	Count
1	Moving forward, given the shortage is your hospital going to increase their total stock of contrast?	1.00	4.00	2.56	1.06	1.13	34

#	Field		Choice Count
1	Yes	29.41%	10
2	No	0.00%	0
3	I don't know	55.88%	19
4	There is no shortage in my hospital	14.71%	5
			34

Showing rows 1 - 5 of 5

End of Report