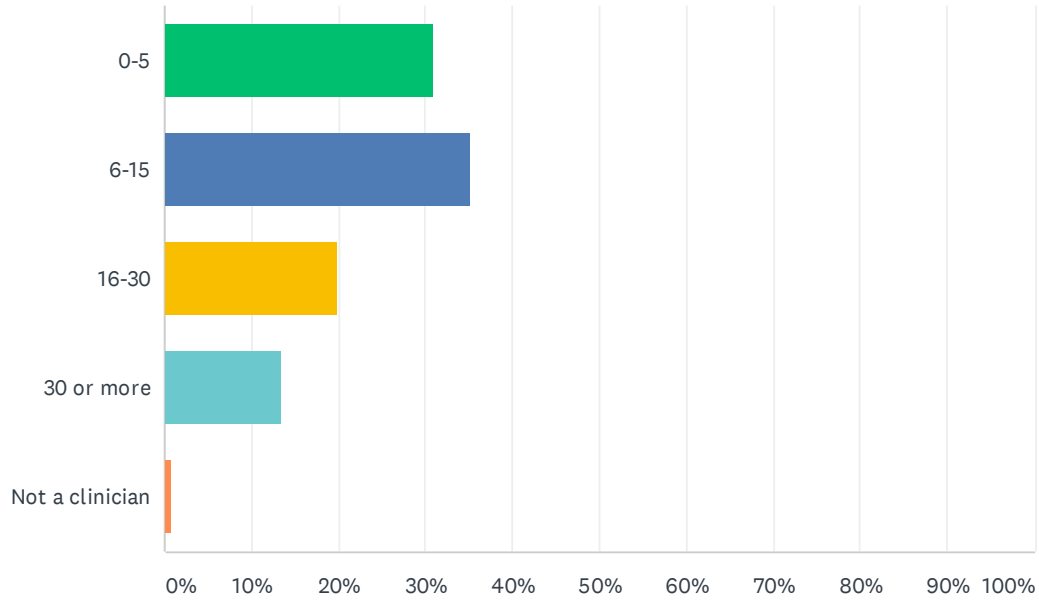


# Q1 How many years have you been a practicing clinician?

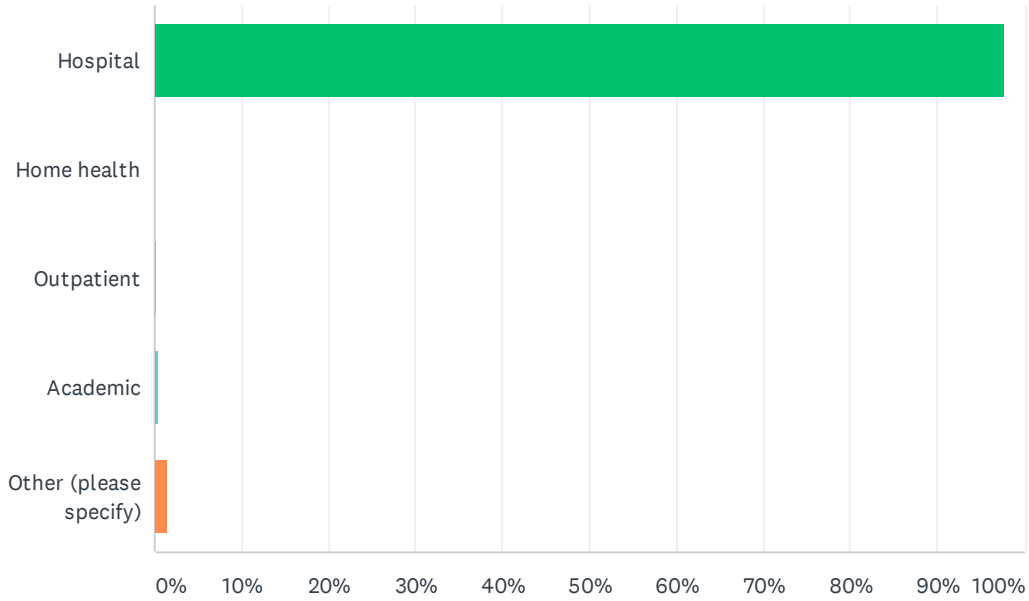
Answered: 398 Skipped: 1



ANSWER CHOICES	RESPONSES	
0-5	30.90%	123
6-15	35.18%	140
16-30	19.85%	79
30 or more	13.32%	53
Not a clinician	0.75%	3
<b>TOTAL</b>		<b>398</b>

## Q2 Place of employment

Answered: 396 Skipped: 3



ANSWER CHOICES	RESPONSES	
Hospital	97.73%	387
Home health	0.00%	0
Outpatient	0.25%	1
Academic	0.51%	2
Other (please specify)	1.52%	6
<b>TOTAL</b>		<b>396</b>

#	OTHER (PLEASE SPECIFY)	DATE
1	Prehospital	10/24/2019 12:56 PM
2	24/7 Urgent Care in rural Alaska	10/22/2019 12:40 PM
3	Free standing ED	10/20/2019 12:38 AM
4	MD office	10/18/2019 12:01 PM
5	Biotech-apheresis	7/14/2019 6:56 PM
6	Free standing ER	7/3/2019 12:44 PM

### Q3 If your place of employment is a hospital, how many beds are there?

Answered: 379 Skipped: 20

## UGPIV Survey

#	RESPONSES	DATE
1	176	10/29/2019 7:26 AM
2	700+	10/29/2019 2:32 AM
3	225	10/28/2019 1:27 PM
4	71	10/28/2019 12:32 PM
5	391	10/27/2019 2:11 PM
6	Approx 130	10/27/2019 12:41 PM
7	300+	10/26/2019 11:50 PM
8	132	10/26/2019 11:09 PM
9	830	10/26/2019 4:06 PM
10	299	10/26/2019 12:41 PM
11	25	10/26/2019 8:24 AM
12	300	10/25/2019 5:37 PM
13	700	10/25/2019 2:07 PM
14	344	10/25/2019 11:48 AM
15	180	10/25/2019 11:37 AM
16	350	10/25/2019 7:41 AM
17	50	10/25/2019 2:08 AM
18	600	10/24/2019 11:27 PM
19	I don't know	10/24/2019 8:20 PM
20	44	10/24/2019 4:10 PM
21	250	10/24/2019 3:28 PM
22	8	10/24/2019 3:10 PM
23	99	10/24/2019 2:05 PM
24	800	10/24/2019 1:21 PM
25	250	10/24/2019 1:20 PM
26	49	10/24/2019 12:34 PM
27	350	10/24/2019 12:04 PM
28	729	10/24/2019 11:48 AM
29	980	10/23/2019 11:56 PM
30	300	10/23/2019 8:22 PM
31	600+	10/23/2019 4:43 PM
32	125	10/23/2019 12:48 PM
33	134	10/23/2019 12:42 PM
34	99	10/23/2019 12:20 PM
35	300	10/23/2019 10:46 AM
36	400	10/23/2019 10:06 AM
37	6	10/23/2019 9:45 AM

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# UGPIV Survey

38	80	10/23/2019 9:34 AM
39	250	10/23/2019 8:28 AM
40	500	10/23/2019 7:16 AM
41	116	10/23/2019 12:28 AM
42	66 in the ED	10/22/2019 11:20 PM
43	65	10/22/2019 9:40 PM
44	150	10/22/2019 9:34 PM
45	900	10/22/2019 7:53 PM
46	280	10/22/2019 7:49 PM
47	1400	10/22/2019 7:42 PM
48	173	10/22/2019 7:37 PM
49	75	10/22/2019 6:30 PM
50	280	10/22/2019 5:29 PM
51	1,070	10/22/2019 3:56 PM
52	500	10/22/2019 2:11 PM
53	750	10/22/2019 1:54 PM
54	267	10/22/2019 1:41 PM
55	20	10/22/2019 1:33 PM
56	700+	10/22/2019 1:19 PM
57	500	10/22/2019 1:11 PM
58	750	10/22/2019 12:57 PM
59	1000	10/22/2019 12:44 PM
60	2 ER's; 4 Observation beds	10/22/2019 12:40 PM
61	over 500	10/22/2019 12:33 PM
62	400	10/22/2019 12:21 PM
63	350	10/22/2019 12:14 PM
64	450	10/22/2019 12:13 PM
65	1400	10/22/2019 12:13 PM
66	767	10/22/2019 11:36 AM
67	70	10/22/2019 9:29 AM
68	1000	10/21/2019 9:03 PM
69	24	10/21/2019 7:11 PM
70	200	10/21/2019 5:57 PM
71	108	10/21/2019 3:38 PM
72	457	10/21/2019 3:22 PM
73	600	10/21/2019 2:21 PM
74	139	10/21/2019 2:07 PM
75	400	10/21/2019 12:48 PM

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# UGPIV Survey

114	8	10/18/2019 10:06 PM
115	450	10/18/2019 9:55 PM
116	364	10/18/2019 7:05 PM
117	64-ER	10/18/2019 6:43 PM
118	64	10/18/2019 4:14 PM
119	300	10/18/2019 4:11 PM
120	350	10/18/2019 4:03 PM
121	450	10/18/2019 3:53 PM
122	75	10/18/2019 3:44 PM
123	77	10/18/2019 3:42 PM
124	200	10/18/2019 3:36 PM
125	23 Er	10/18/2019 3:23 PM
126	100	10/18/2019 3:11 PM
127	600	10/18/2019 3:08 PM
128	248	10/18/2019 3:06 PM
129	500	10/18/2019 2:40 PM
130	68	10/18/2019 2:30 PM
131	200	10/18/2019 2:03 PM
132	I don't know	10/18/2019 1:04 PM
133	25	10/18/2019 12:56 PM
134	19	10/18/2019 12:51 PM
135	320	10/18/2019 12:30 PM
136	600	10/18/2019 12:22 PM
137	530	10/18/2019 12:13 PM
138	Unknown	10/18/2019 12:05 PM
139	230	10/18/2019 12:05 PM
140	25	10/18/2019 12:04 PM
141	250	10/18/2019 12:01 PM
142	56	10/18/2019 11:57 AM
143	1156	10/18/2019 11:51 AM
144	450	10/18/2019 11:39 AM
145	50	10/18/2019 11:24 AM
146	260	10/18/2019 11:17 AM
147	250	10/18/2019 11:17 AM
148	1200	10/18/2019 11:08 AM
149	10	10/18/2019 11:07 AM
150	300	10/18/2019 11:06 AM
151	36	10/18/2019 11:06 AM

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# UGPIV Survey

152	225	10/18/2019 11:02 AM
153	125	10/18/2019 10:58 AM
154	300	10/18/2019 10:57 AM
155	864	10/18/2019 10:55 AM
156	37	10/18/2019 10:50 AM
157	1300	10/18/2019 10:49 AM
158	237	10/18/2019 10:49 AM
159	1440	10/18/2019 10:48 AM
160	25	10/18/2019 10:46 AM
161	65	10/18/2019 10:35 AM
162	30	10/18/2019 10:16 AM
163	36 in ed, 523 hospital	10/18/2019 10:09 AM
164	25	10/18/2019 10:03 AM
165	50	10/18/2019 9:56 AM
166	125	10/18/2019 9:50 AM
167	350	10/18/2019 9:46 AM
168	150	10/18/2019 9:44 AM
169	408	10/18/2019 9:36 AM
170	300	10/18/2019 9:23 AM
171	1000	10/18/2019 9:19 AM
172	over 700	10/18/2019 9:16 AM
173	118	10/18/2019 9:12 AM
174	100	10/18/2019 9:12 AM
175	15	10/18/2019 9:10 AM
176	350	10/18/2019 9:09 AM
177	80	10/18/2019 9:08 AM
178	30	10/18/2019 9:07 AM
179	600	10/18/2019 9:00 AM
180	455	10/18/2019 8:53 AM
181	165	10/18/2019 8:53 AM
182	250	10/18/2019 8:50 AM
183	402	10/18/2019 8:50 AM
184	126	10/18/2019 8:33 AM
185	600	10/18/2019 8:27 AM
186	500+	10/18/2019 8:24 AM
187	25	10/18/2019 8:24 AM
188	18	10/18/2019 8:16 AM
189	138	10/18/2019 8:16 AM

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## UGPIV Survey

190	530	10/18/2019 8:13 AM
191	30	10/18/2019 8:12 AM
192	350	10/18/2019 8:08 AM
193	6	10/18/2019 8:06 AM
194	32 bed ED with 350 inpatient and 18 bed ED 300 inpatient	10/18/2019 8:04 AM
195	210	10/18/2019 8:04 AM
196	90	10/18/2019 8:03 AM
197	440	10/18/2019 8:03 AM
198	600+	7/28/2019 2:49 PM
199	300	7/27/2019 4:11 PM
200	600	7/26/2019 9:53 AM
201	650	7/25/2019 5:28 PM
202	24	7/25/2019 5:53 AM
203	450	7/25/2019 4:24 AM
204	1000	7/24/2019 6:14 PM
205	22 PICU peds	7/23/2019 2:18 PM
206	300	7/23/2019 12:38 AM
207	143	7/22/2019 4:46 PM
208	200	7/22/2019 11:32 AM
209	1000	7/22/2019 10:38 AM
210	120	7/22/2019 7:54 AM
211	350	7/22/2019 5:42 AM
212	600+	7/21/2019 1:10 AM
213	400+	7/20/2019 10:14 AM
214	92	7/20/2019 3:41 AM
215	67	7/20/2019 1:48 AM
216	681	7/19/2019 10:11 PM
217	175	7/19/2019 7:25 PM
218	350	7/19/2019 2:56 PM
219	31	7/19/2019 12:54 PM
220	180	7/19/2019 9:37 AM
221	300	7/19/2019 8:47 AM
222	59	7/18/2019 11:24 PM
223	530	7/18/2019 9:15 PM
224	250	7/18/2019 4:29 PM
225	24	7/18/2019 3:43 PM
226	800	7/18/2019 1:58 PM
227	1000	7/18/2019 1:22 PM

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# UGPIV Survey

228	481	7/18/2019 12:44 PM
229	250	7/18/2019 10:04 AM
230	500	7/18/2019 8:56 AM
231	645	7/18/2019 4:42 AM
232	170	7/18/2019 2:59 AM
233	158	7/18/2019 1:27 AM
234	250	7/17/2019 10:53 PM
235	14	7/17/2019 10:50 PM
236	300	7/17/2019 9:27 PM
237	400	7/17/2019 8:44 PM
238	500	7/17/2019 7:58 PM
239	500+	7/17/2019 5:10 PM
240	150	7/17/2019 4:23 PM
241	450	7/17/2019 3:23 PM
242	12	7/17/2019 3:04 PM
243	480	7/17/2019 2:32 PM
244	140	7/17/2019 1:21 PM
245	1500	7/17/2019 1:11 PM
246	660	7/17/2019 12:50 PM
247	330	7/17/2019 12:46 PM
248	613	7/17/2019 12:24 PM
249	720	7/17/2019 11:48 AM
250	520	7/17/2019 11:23 AM
251	40	7/17/2019 10:52 AM
252	40 in unit	7/17/2019 10:46 AM
253	316	7/17/2019 10:34 AM
254	150	7/17/2019 8:53 AM
255	500	7/17/2019 8:19 AM
256	86	7/16/2019 1:43 PM
257	310+	7/14/2019 5:15 PM
258	100	7/14/2019 3:32 PM
259	400+	7/14/2019 12:54 AM
260	442	7/13/2019 5:12 PM
261	200	7/13/2019 11:22 AM
262	335	7/13/2019 11:17 AM
263	830	7/12/2019 11:58 PM
264	445	7/12/2019 8:54 PM
265	?	7/12/2019 1:28 PM

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# UGPIV Survey

266	>400	7/12/2019 1:19 PM
267	1500	7/12/2019 10:52 AM
268	650	7/11/2019 8:46 PM
269	500	7/11/2019 12:04 PM
270	44	7/11/2019 10:51 AM
271	8 in my unit	7/10/2019 11:00 PM
272	100	7/10/2019 4:38 PM
273	100-300	7/10/2019 4:18 PM
274	500	7/10/2019 2:01 PM
275	200	7/10/2019 12:25 PM
276	900?	7/10/2019 11:00 AM
277	17	7/10/2019 10:24 AM
278	130	7/10/2019 9:03 AM
279	273	7/10/2019 2:38 AM
280	110	7/10/2019 1:11 AM
281	500	7/9/2019 11:00 PM
282	360	7/9/2019 9:47 PM
283	100	7/9/2019 9:36 PM
284	600	7/9/2019 5:37 PM
285	750	7/9/2019 3:05 PM
286	?	7/9/2019 2:47 PM
287	400	7/9/2019 12:29 PM
288	90	7/9/2019 10:50 AM
289	728	7/9/2019 9:05 AM
290	120	7/9/2019 8:34 AM
291	40	7/8/2019 6:24 PM
292	15	7/8/2019 6:16 PM
293	200	7/8/2019 1:01 PM
294	300	7/8/2019 10:38 AM
295	40	7/8/2019 8:39 AM
296	400+	7/7/2019 11:04 PM
297	500+	7/7/2019 10:53 PM
298	Unsure, 28 on my unit	7/7/2019 10:24 PM
299	300	7/7/2019 5:42 PM
300	900	7/7/2019 5:27 PM
301	550	7/7/2019 5:20 PM
302	50+	7/7/2019 3:33 PM
303	398	7/7/2019 3:06 PM

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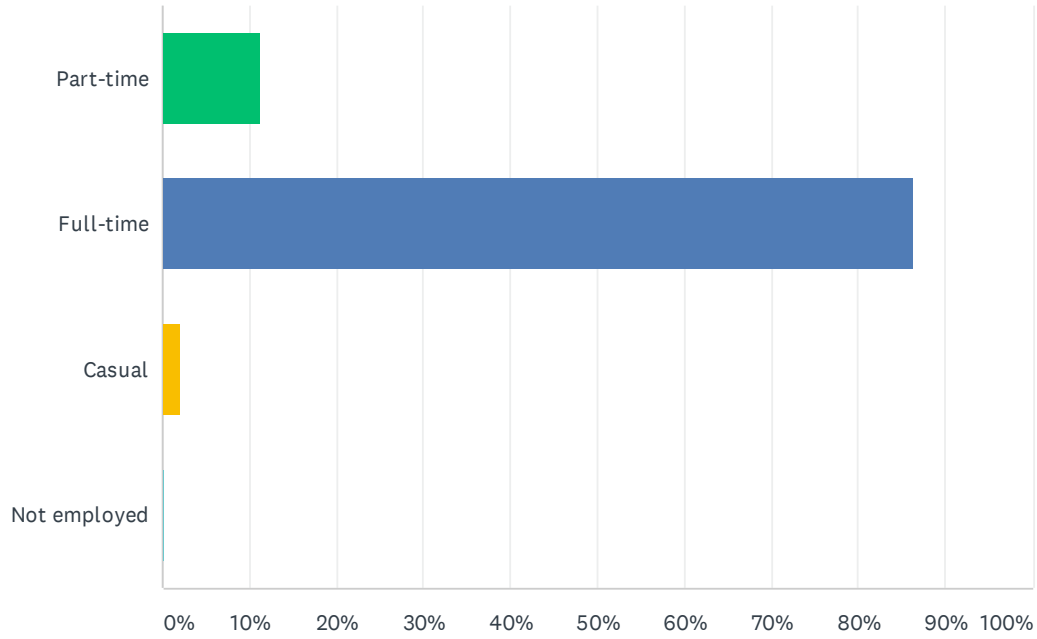
# UGPIV Survey

304	171	7/7/2019 9:12 AM
305	244	7/7/2019 4:17 AM
306	34	7/7/2019 3:34 AM
307	<del>XXXXXXXXXXXXXXXXXXXX</del>	7/7/2019 12:28 AM
308	900	7/6/2019 7:42 PM
309	360	7/6/2019 3:19 PM
310	400	7/6/2019 8:46 AM
311	350	7/5/2019 11:02 PM
312	9	7/5/2019 3:57 PM
313	130	7/5/2019 3:06 PM
314	500	7/5/2019 1:18 PM
315	900	7/5/2019 12:17 PM
316	200	7/5/2019 9:15 AM
317	523	7/5/2019 8:55 AM
318	>800	7/5/2019 3:12 AM
319	500	7/5/2019 1:53 AM
320	156	7/5/2019 12:46 AM
321	50	7/5/2019 12:23 AM
322	265	7/4/2019 10:48 PM
323	259	7/4/2019 9:12 PM
324	24	7/4/2019 8:15 PM
325	232	7/4/2019 3:19 PM
326	200	7/4/2019 3:03 PM
327	24	7/4/2019 12:55 PM
328	900	7/4/2019 12:53 PM
329	500+	7/4/2019 12:39 PM
330	1800	7/4/2019 11:58 AM
331	38	7/4/2019 11:29 AM
332	400+	7/4/2019 8:28 AM
333	24	7/4/2019 3:59 AM
334	500	7/4/2019 2:00 AM
335	150	7/4/2019 1:52 AM
336	500	7/3/2019 11:37 PM
337	384	7/3/2019 11:15 PM
338	30	7/3/2019 10:05 PM
339	200+	7/3/2019 9:30 PM
340	700	7/3/2019 9:22 PM
341	25	7/3/2019 7:23 PM

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## Q4 Designate your working status

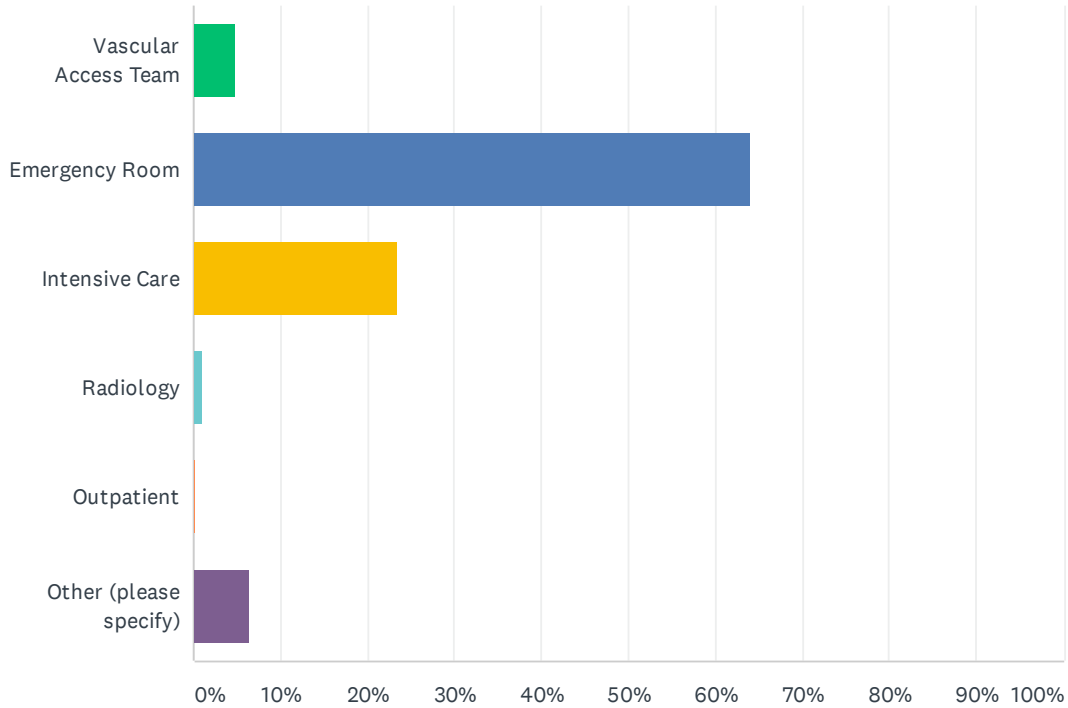
Answered: 396 Skipped: 3



ANSWER CHOICES	RESPONSES	
Part-time	11.36%	45
Full-time	86.36%	342
Casual	2.02%	8
Not employed	0.25%	1
<b>TOTAL</b>		<b>396</b>

## Q5 Indicate your practice setting/department

Answered: 398 Skipped: 1



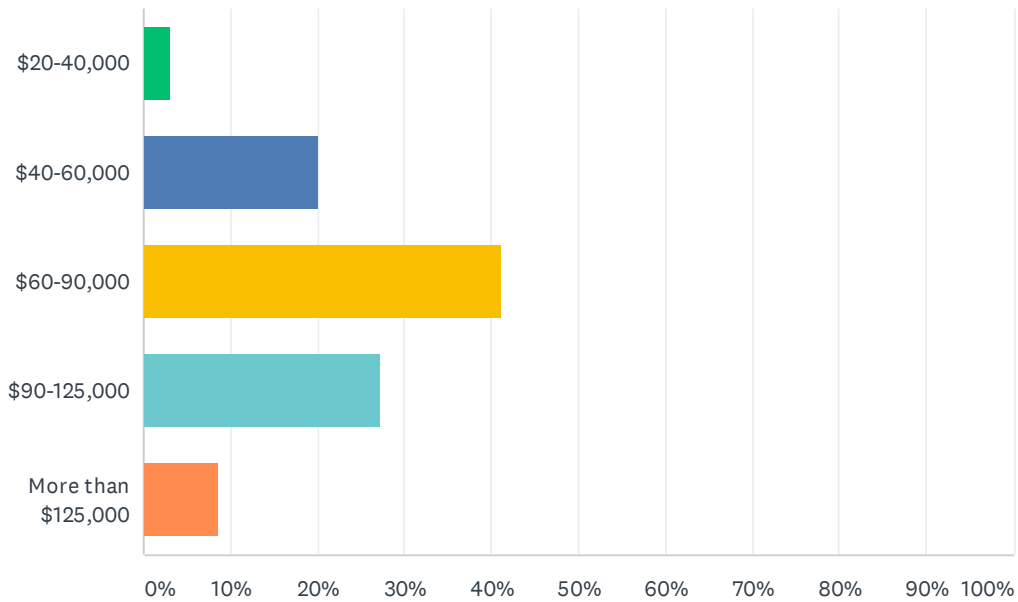
ANSWER CHOICES	RESPONSES	
Vascular Access Team	4.77%	19
Emergency Room	64.07%	255
Intensive Care	23.37%	93
Radiology	1.01%	4
Outpatient	0.25%	1
Other (please specify)	6.53%	26
<b>TOTAL</b>		<b>398</b>

## UGPIV Survey

#	OTHER (PLEASE SPECIFY)	DATE
1	Prehospital	10/24/2019 12:56 PM
2	Acute Care Unit	10/23/2019 4:43 PM
3	critical float	10/23/2019 12:48 PM
4	Management	10/19/2019 8:17 PM
5	Critical Access Hospital-IP and ER	10/18/2019 12:51 PM
6	General Practitioner	10/18/2019 12:01 PM
7	House Supervisor	10/18/2019 11:24 AM
8	Medical surgical, PCU, ICU	7/20/2019 3:41 AM
9	Inpatient	7/19/2019 10:11 PM
10	NICU	7/19/2019 8:47 AM
11	cardiovascular thoracic stepdown unit	7/18/2019 9:15 PM
12	Rapid Response Team	7/18/2019 1:58 PM
13	professional development	7/18/2019 1:22 PM
14	cardiac telemetry	7/18/2019 4:42 AM
15	Rapid Response Team	7/17/2019 3:23 PM
16	Pediatric Trauma Surgery	7/17/2019 2:32 PM
17	out patient Infusion Center	7/17/2019 11:48 AM
18	Inpatient	7/16/2019 1:43 PM
19	Critical care/ Telemetry	7/11/2019 8:46 PM
20	PICC RN	7/9/2019 3:05 PM
21	hospitalist NP	7/5/2019 11:02 PM
22	Cardiac Critical Care	7/4/2019 3:19 PM
23	place lines/teach its	7/4/2019 1:52 AM
24	Progressive Care	7/3/2019 1:58 PM
25	Hospital medicine Procedure team	7/3/2019 12:24 PM
26	med surg	7/3/2019 11:38 AM

## Q6 Estimate your yearly salary (to be used with economic analysis of UGPIV)

Answered: 394 Skipped: 5

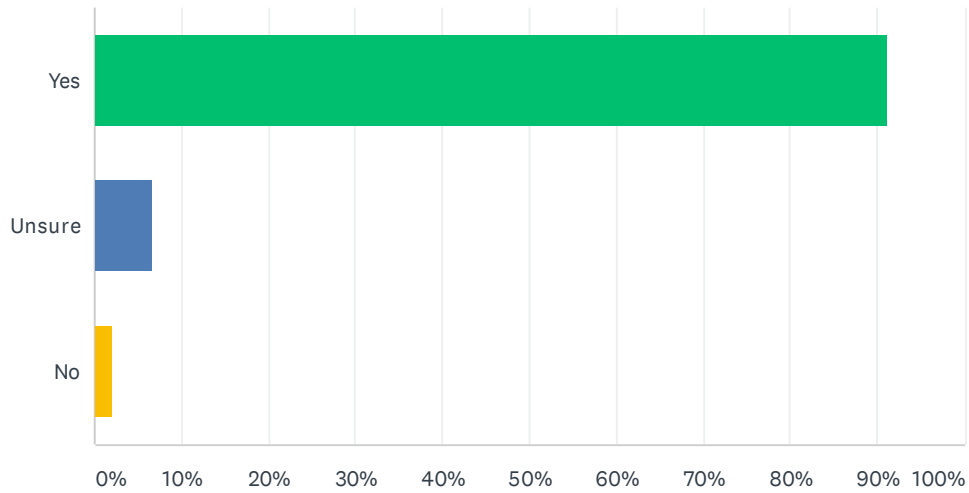


ANSWER CHOICES	RESPONSES	
\$20-40,000	3.05%	12
\$40-60,000	20.05%	79
\$60-90,000	41.12%	162
\$90-125,000	27.16%	107
More than \$125,000	8.63%	34
TOTAL		394



### Q7 Do you believe successful UGPIV insertion improves patient care?

Answered: 398 Skipped: 1



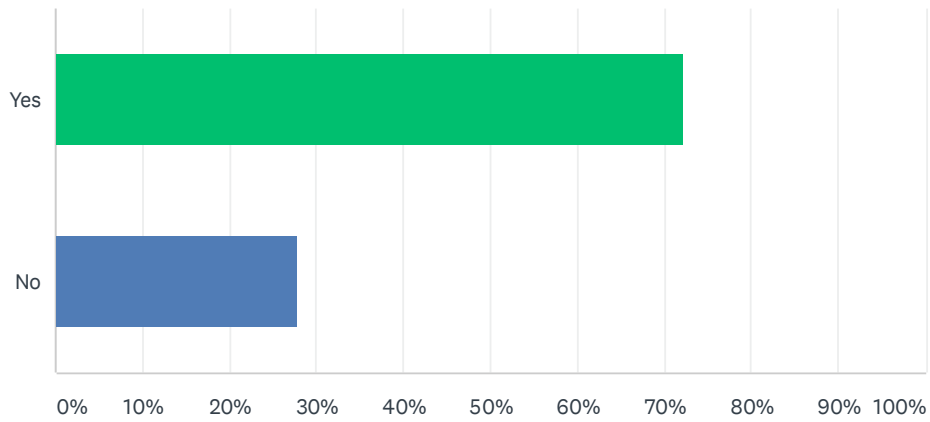
ANSWER CHOICES	RESPONSES	
Yes	91.21%	363
Unsure	6.78%	27
No	2.01%	8
<b>TOTAL</b>		<b>398</b>

Q8 Please enter your email address below if you would like to receive the survey results. (leave blank if you do not wish to receive the survey results)

Answered: 132 Skipped: 267

### Q9 Do you have experience with PIV/Extended Dwell Catheter/midline insertions using ultrasound?

Answered: 234 Skipped: 165

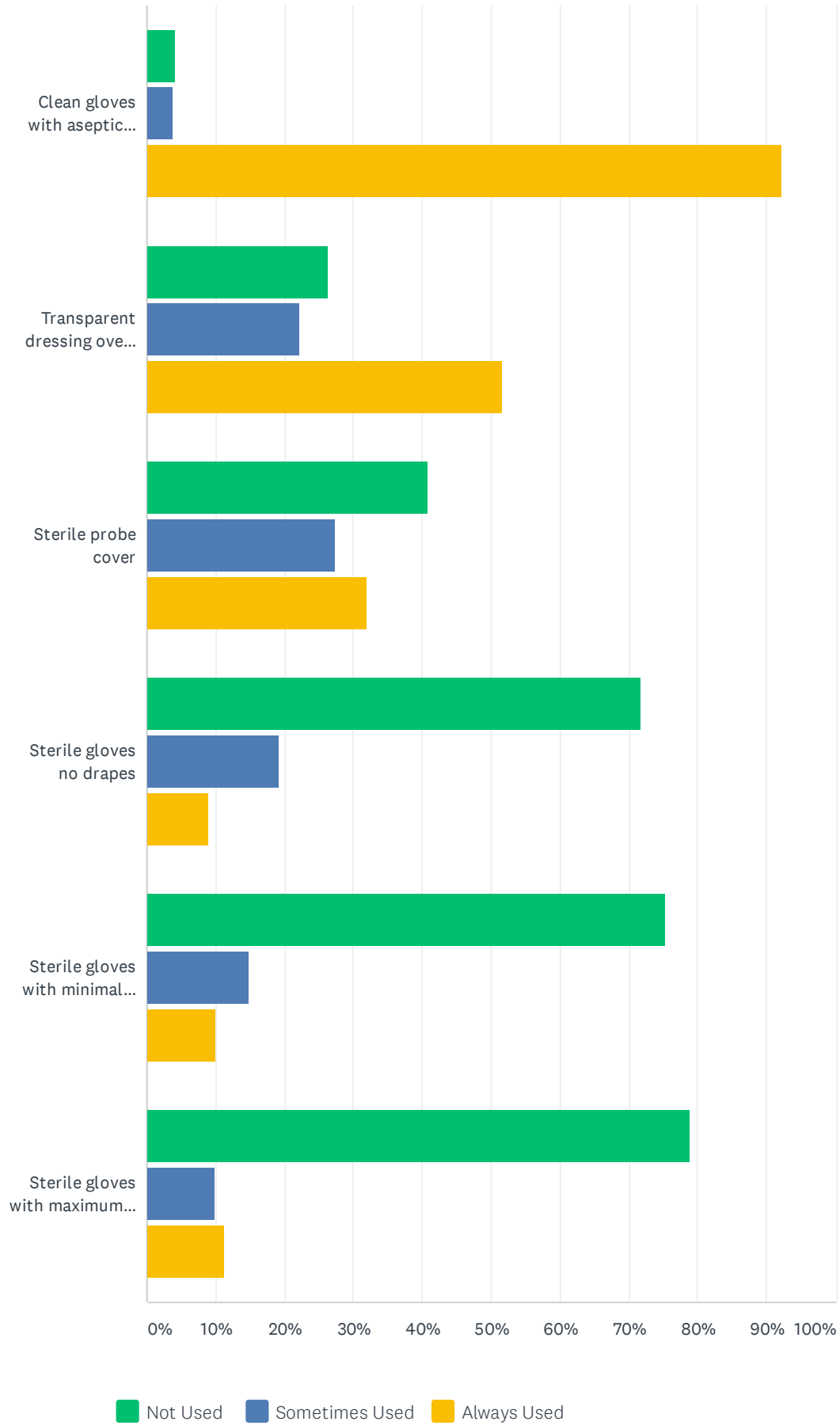


ANSWER CHOICES	RESPONSES	
Yes	72.22%	169
No	27.78%	65
TOTAL		234

## Q10 Indicate components used in your normal practice for insertion of UGPIVs.

Answered: 221 Skipped: 178

# UGPIV Survey

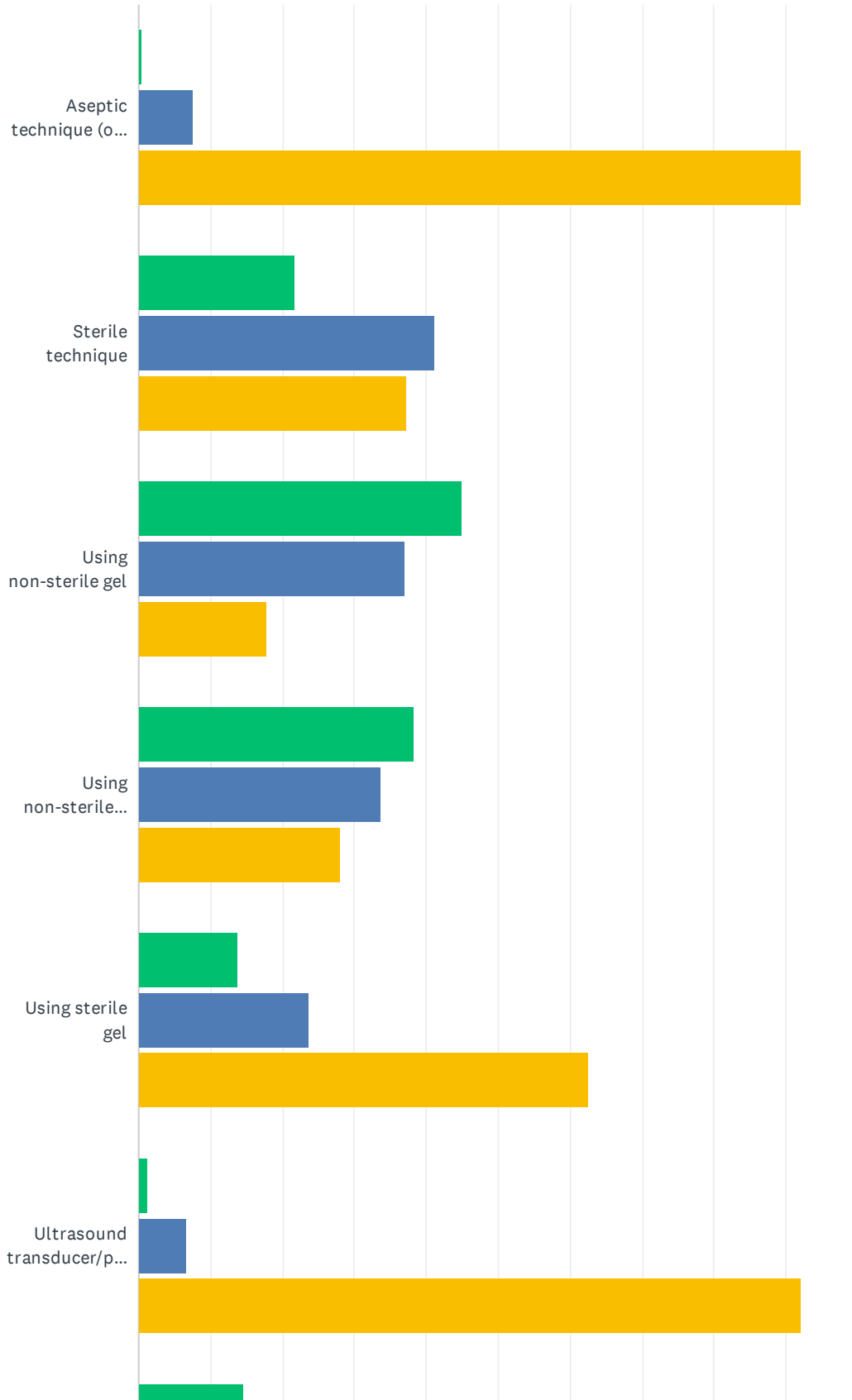


## UGPIV Survey

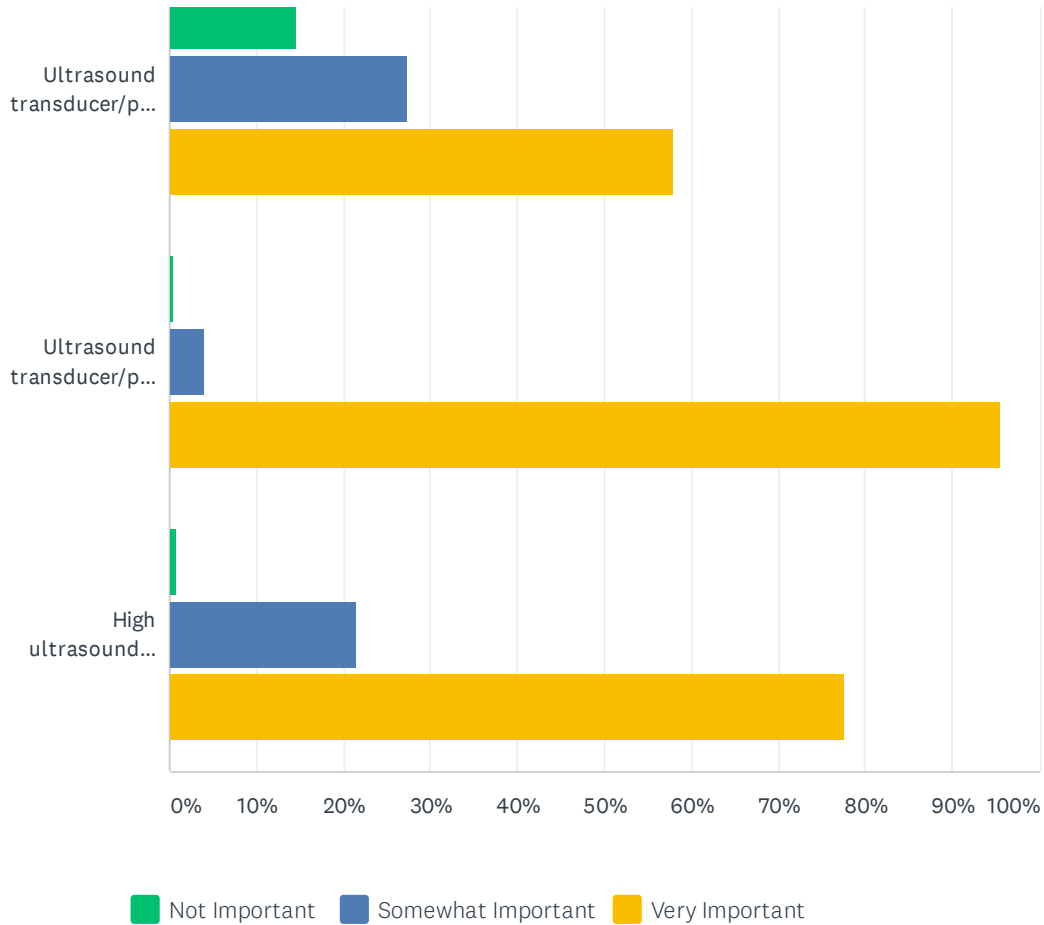
	NOT USED	SOMETIMES USED	ALWAYS USED	TOTAL	WEIGHTED AVERAGE
Clean gloves with aseptic technique	4.13% 9	3.67% 8	92.20% 201	218	2.88
Transparent dressing over transducer	26.27% 57	22.12% 48	51.61% 112	217	2.25
Sterile probe cover	40.74% 88	27.31% 59	31.94% 69	216	1.91
Sterile gloves no drapes	71.83% 153	19.25% 41	8.92% 19	213	1.37
Sterile gloves with minimal drapes	75.24% 158	14.76% 31	10.00% 21	210	1.35
Sterile gloves with maximum barriers	78.97% 169	9.81% 21	11.21% 24	214	1.32

# Q11 How important are each of these aspects of UGPIV insertion?

Answered: 227 Skipped: 172



## UGPIV Survey

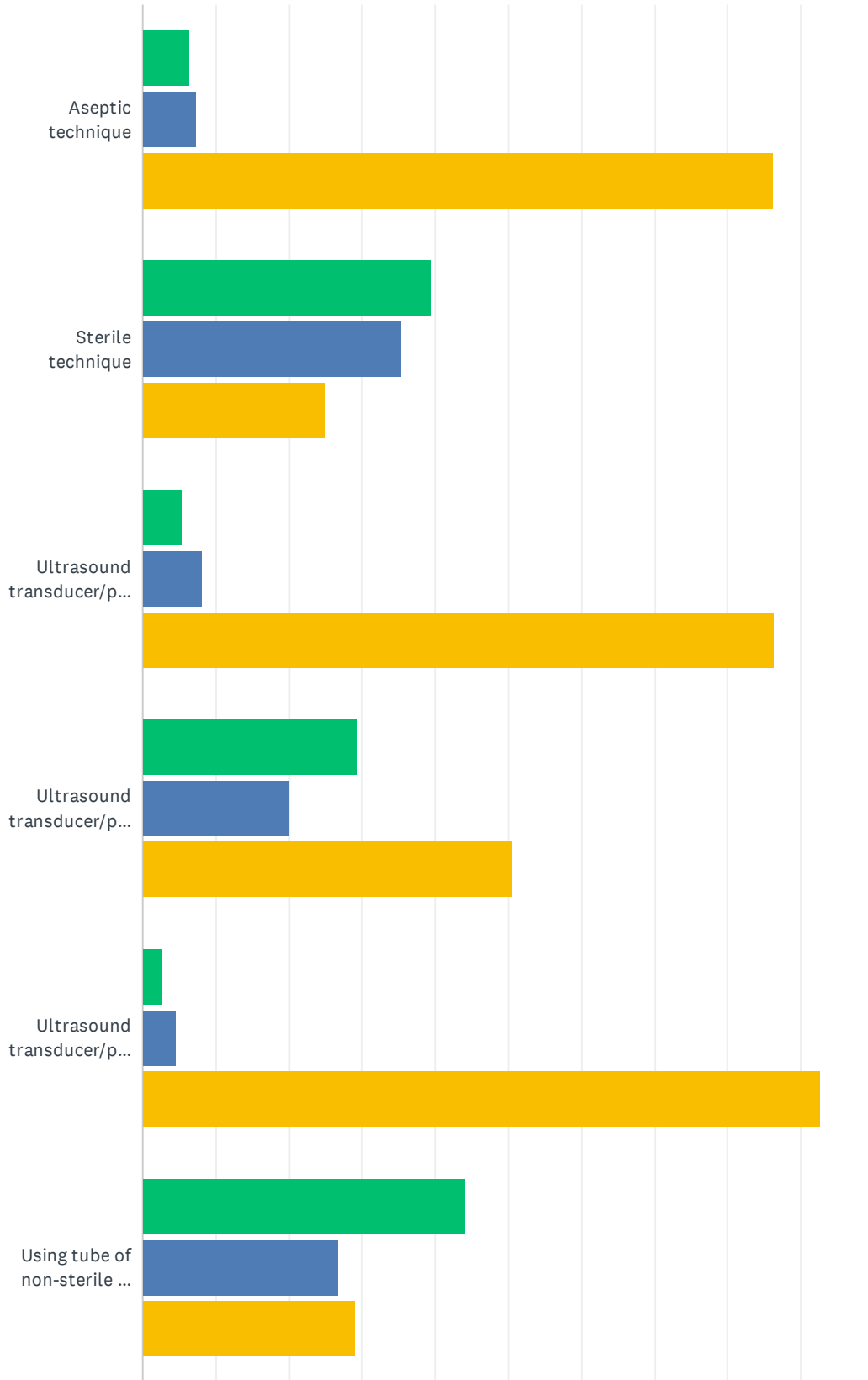


	NOT IMPORTANT	SOMEWHAT IMPORTANT	VERY IMPORTANT	TOTAL	WEIGHTED AVERAGE
Aseptic technique (or ANTT)	0.44% 1	7.52% 17	92.04% 208	226	2.92
Sterile technique	21.68% 49	41.15% 93	37.17% 84	226	2.15
Using non-sterile gel	45.07% 96	37.09% 79	17.84% 38	213	1.73
Using non-sterile single use gel	38.25% 83	33.64% 73	28.11% 61	217	1.90
Using sterile gel	13.84% 31	23.66% 53	62.50% 140	224	2.49
Ultrasound transducer/probe disinfection before procedure	1.32% 3	6.61% 15	92.07% 209	227	2.91
Ultrasound transducer/probe cover during procedure	14.60% 33	27.43% 62	57.96% 131	226	2.43
Ultrasound transducer/probe disinfection after procedure	0.44% 1	3.96% 9	95.59% 217	227	2.95
High ultrasound resolution	0.90% 2	21.52% 48	77.58% 173	223	2.77

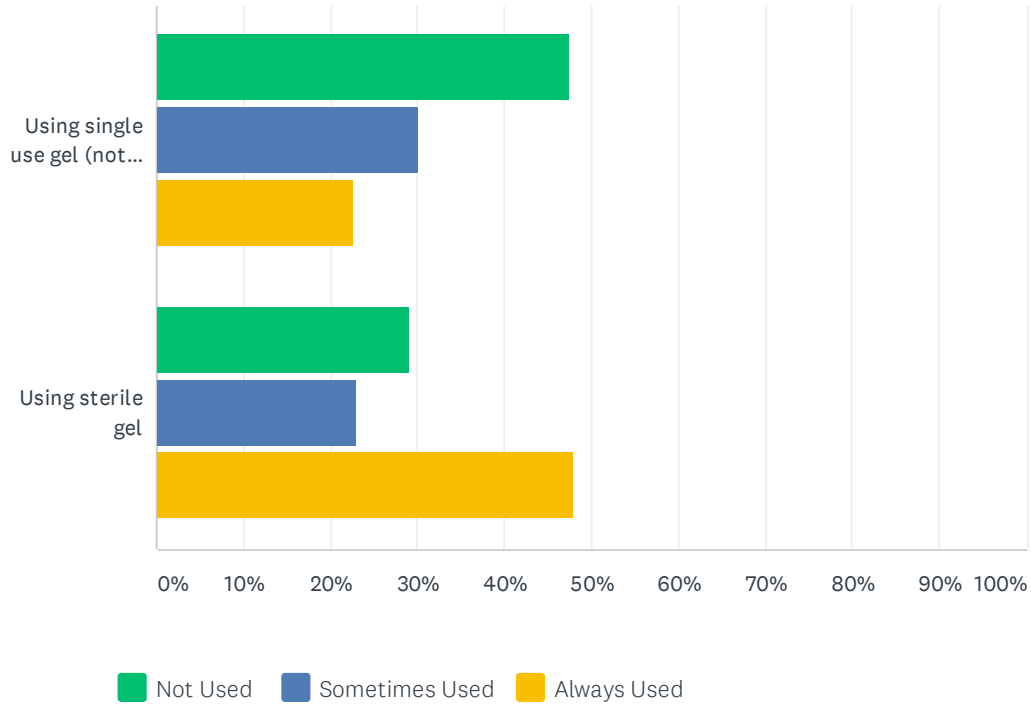


# Q12 How often do you use these aspects of UGPIV insertion with your current procedure?

Answered: 221 Skipped: 178



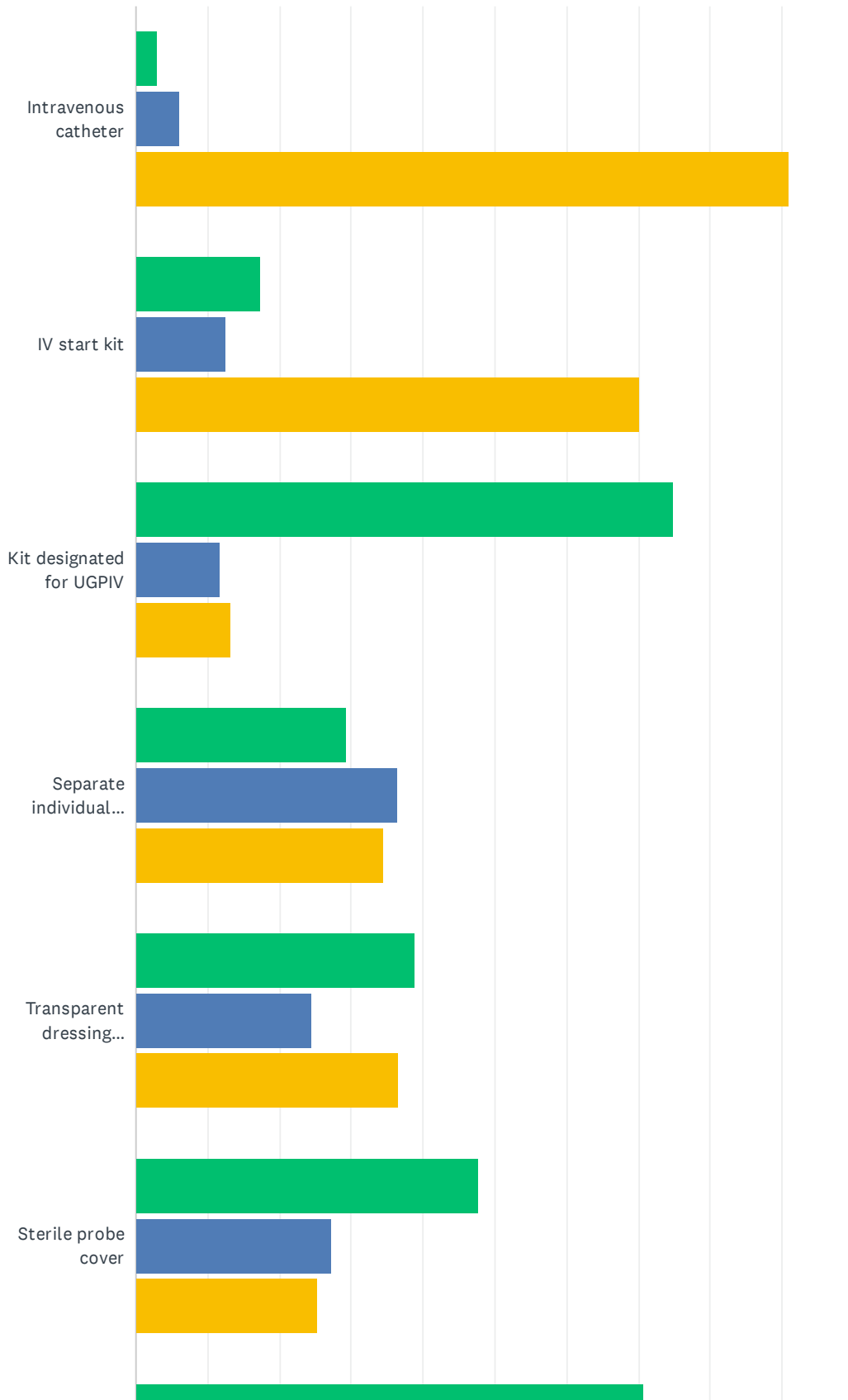
## UGPIV Survey



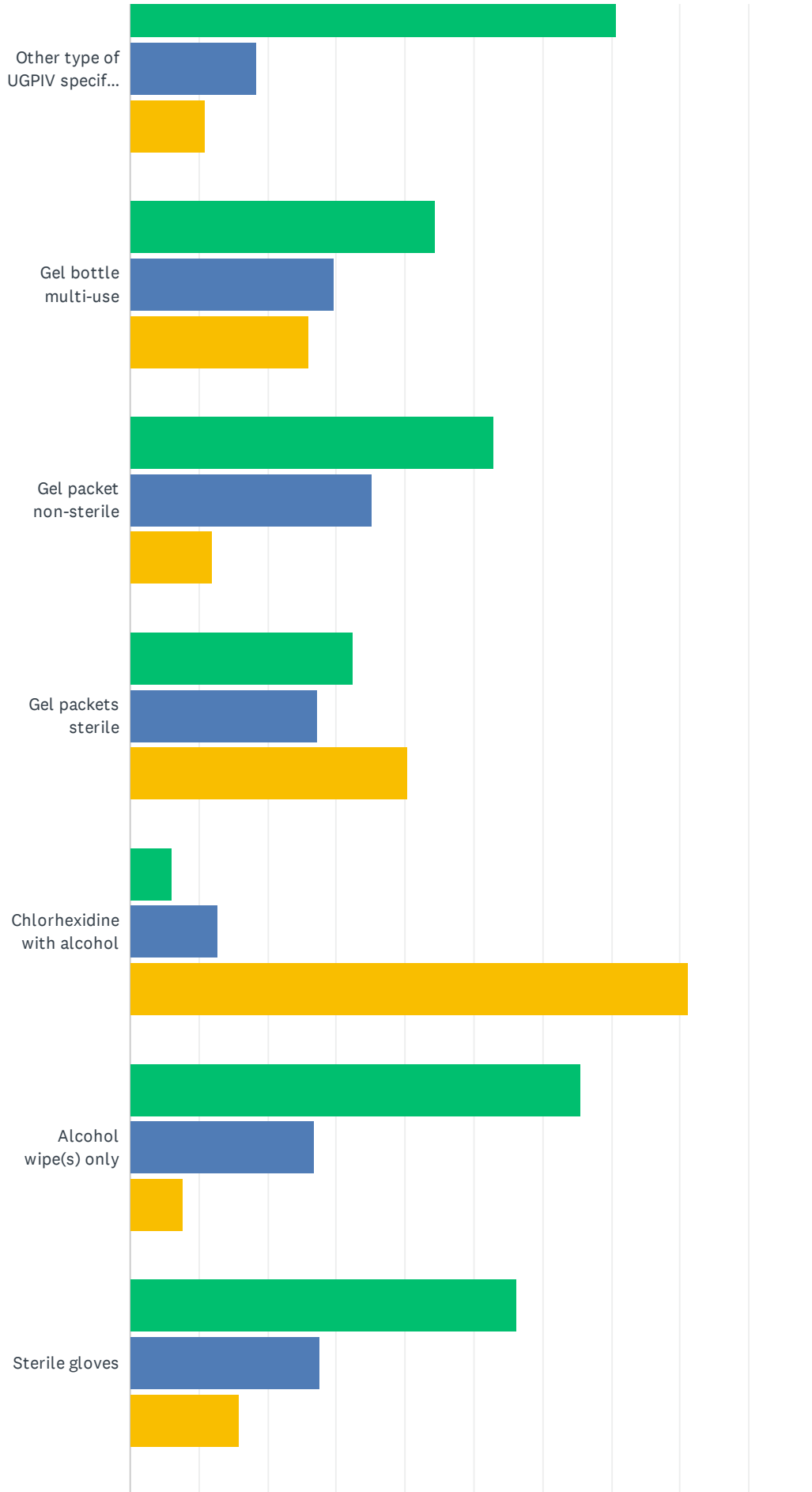
	NOT USED	SOMETIMES USED	ALWAYS USED	TOTAL	WEIGHTED AVERAGE
Aseptic technique	6.42% 14	7.34% 16	86.24% 188	218	2.80
Sterile technique	39.55% 87	35.45% 78	25.00% 55	220	1.85
Ultrasound transducer/probe disinfection before procedure	5.48% 12	8.22% 18	86.30% 189	219	2.81
Ultrasound transducer/probe cover during procedure	29.22% 64	20.09% 44	50.68% 111	219	2.21
Ultrasound transducer/probe disinfection after procedure	2.75% 6	4.59% 10	92.66% 202	218	2.90
Using tube of non-sterile gel	44.24% 96	26.73% 58	29.03% 63	217	1.85
Using single use gel (not listed as sterile)	47.42% 101	30.05% 64	22.54% 48	213	1.75
Using sterile gel	29.03% 63	23.04% 50	47.93% 104	217	2.19

# Q13 How often do you use the following supplies with UGPIV?

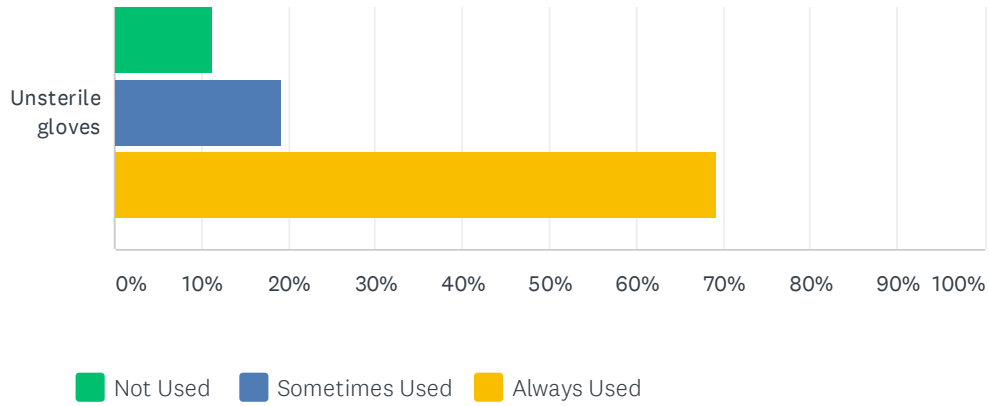
Answered: 216 Skipped: 183



# UGPIV Survey



## UGPIV Survey

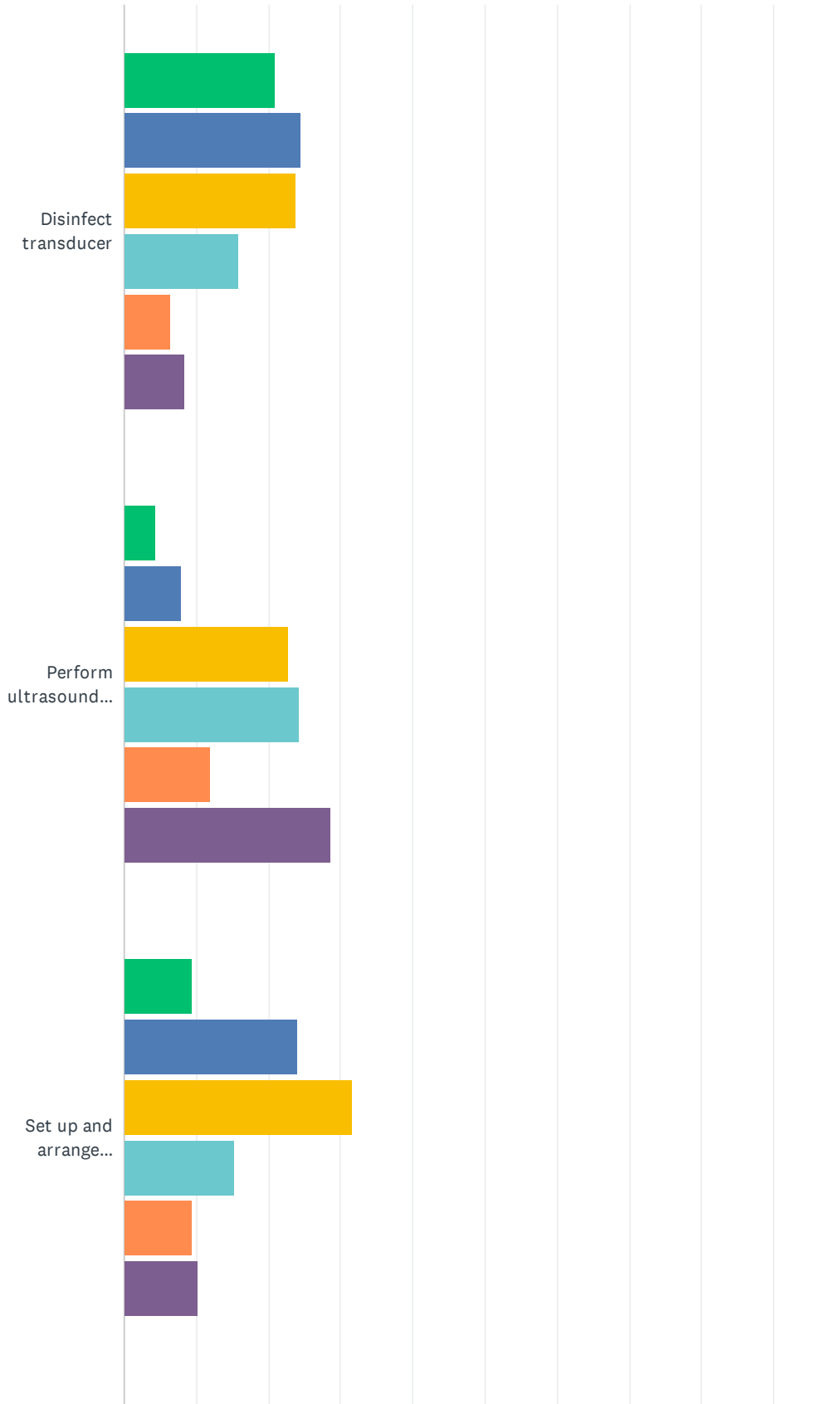


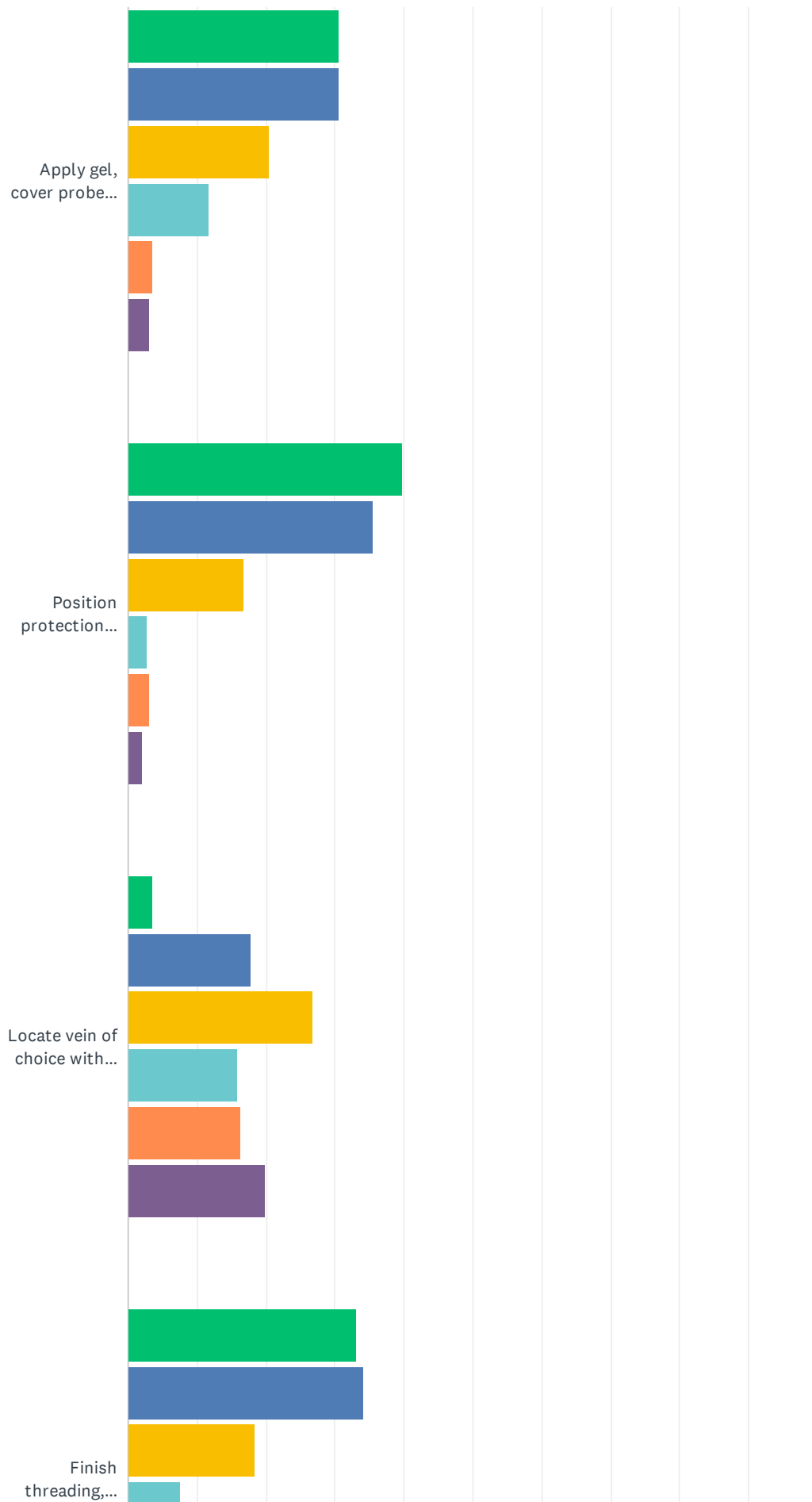
	NOT USED	SOMETIMES USED	ALWAYS USED	TOTAL	WEIGHTED AVERAGE
Intravenous catheter	2.84% 6	6.16% 13	91.00% 192	211	2.88
IV start kit	17.29% 37	12.62% 27	70.09% 150	214	2.53
Kit designated for UGPIV	75.00% 159	11.79% 25	13.21% 28	212	1.38
Separate individual supplies, not a kit	29.25% 62	36.32% 77	34.43% 73	212	2.05
Transparent dressing positioned over face of transducer/probe	38.97% 83	24.41% 52	36.62% 78	213	1.98
Sterile probe cover	47.66% 102	27.10% 58	25.23% 54	214	1.78
Other type of UGPIV specific dressing for transducer separation from patient	70.62% 149	18.48% 39	10.90% 23	211	1.40
Gel bottle multi-use	44.34% 94	29.72% 63	25.94% 55	212	1.82
Gel packet non-sterile	52.86% 111	35.24% 74	11.90% 25	210	1.59
Gel packets sterile	32.38% 68	27.14% 57	40.48% 85	210	2.08
Chlorhexidine with alcohol	6.13% 13	12.74% 27	81.13% 172	212	2.75
Alcohol wipe(s) only	65.55% 137	26.79% 56	7.66% 16	209	1.42
Sterile gloves	56.34% 120	27.70% 59	15.96% 34	213	1.60
Unsterile gloves	11.32% 24	19.34% 41	69.34% 147	212	2.58

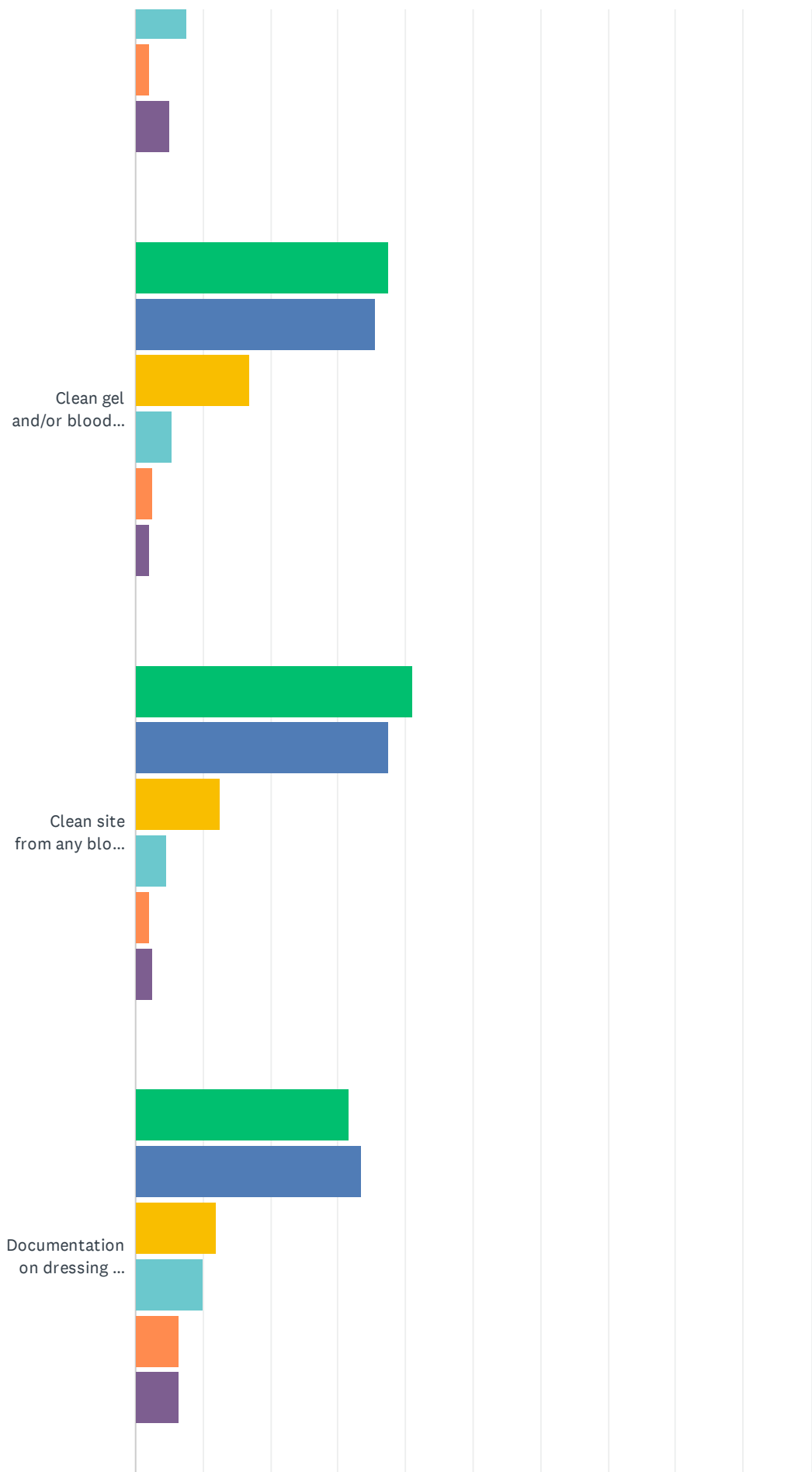
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# Q14 Estimate your time in performing the following steps

Answered: 205 Skipped: 194

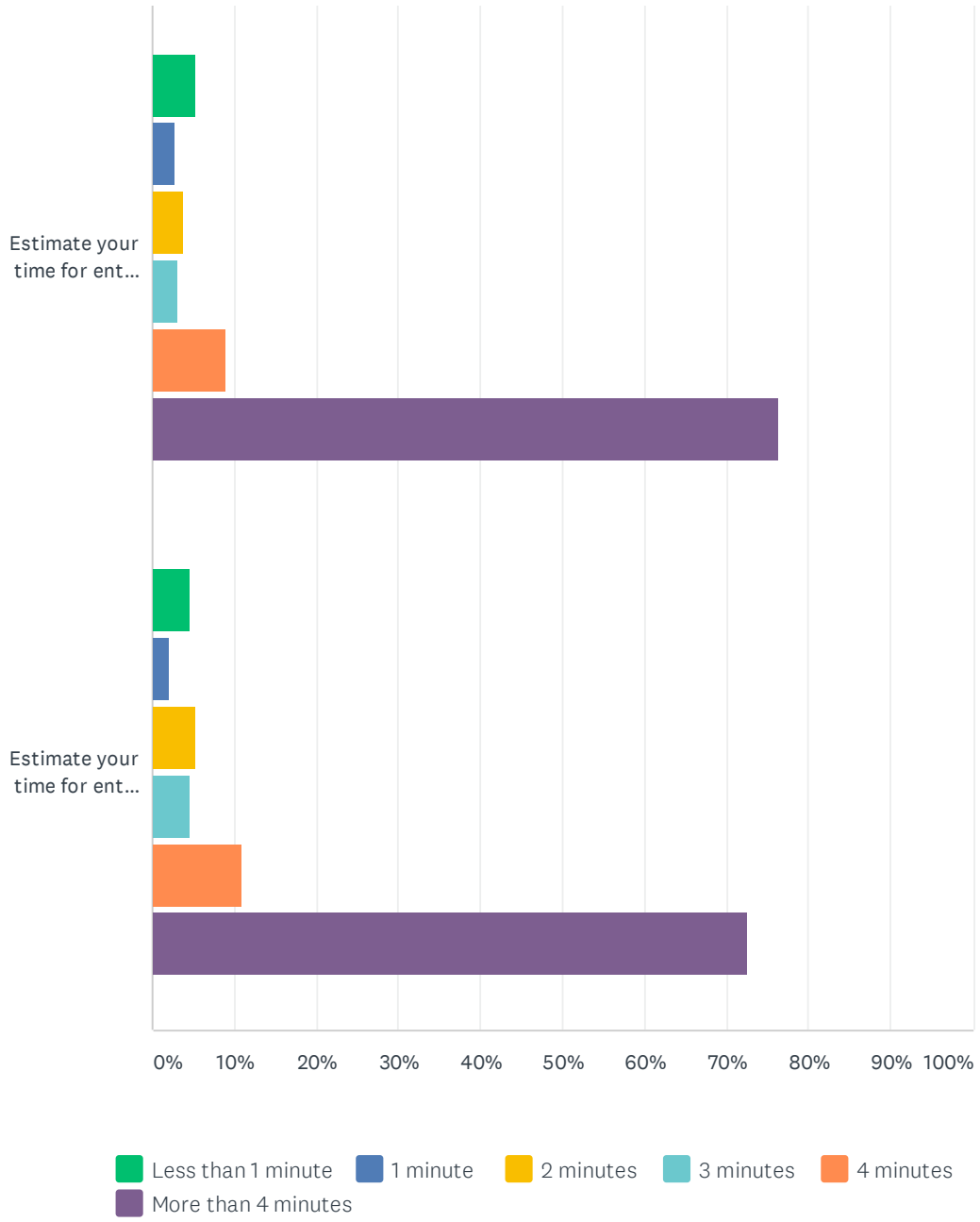








# UGPIV Survey



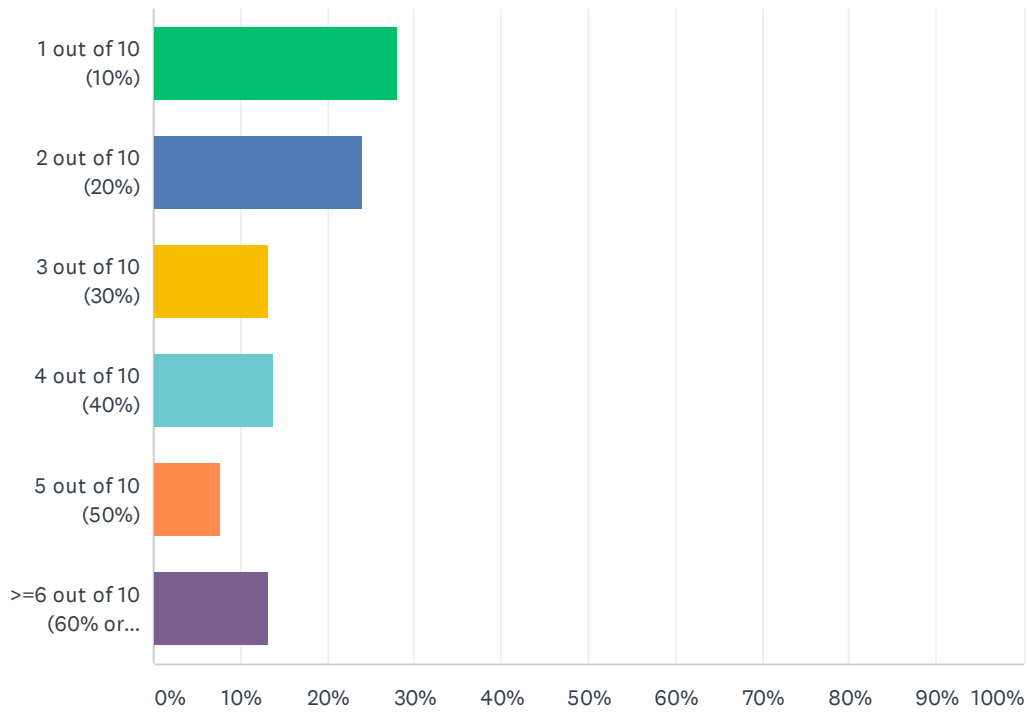
## UGPIV Survey

	LESS THAN 1 MINUTE	1 MINUTE	2 MINUTES	3 MINUTES	4 MINUTES	MORE THAN 4 MINUTES	TOTAL	WEIGHTED AVERAGE
Disinfect transducer	20.90% 42	24.38% 49	23.88% 48	15.92% 32	6.47% 13	8.46% 17	201	2.80
Perform ultrasound assessment to select vein	4.46% 9	7.92% 16	22.77% 46	24.26% 49	11.88% 24	28.71% 58	202	3.89
Set up and arrange supplies	9.36% 19	24.14% 49	31.53% 64	15.27% 31	9.36% 19	10.34% 21	203	3.12
Apply gel, cover probe with sterile probe cover, secure wrap and apply gel	30.61% 60	30.61% 60	20.41% 40	11.73% 23	3.57% 7	3.06% 6	196	2.33
Position protection dressing and apply gel to dressing	39.79% 76	35.60% 68	16.75% 32	2.62% 5	3.14% 6	2.09% 4	191	1.98
Locate vein of choice with ultrasound and access vein with catheter	3.47% 7	17.82% 36	26.73% 54	15.84% 32	16.34% 33	19.80% 40	202	3.63
Finish threading, attach extension and flush	33.00% 66	34.00% 68	18.50% 37	7.50% 15	2.00% 4	5.00% 10	200	2.21
Clean gel and/or blood from site and secure dressing	37.50% 75	35.50% 71	17.00% 34	5.50% 11	2.50% 5	2.00% 4	200	2.04
Clean site from any blood (gel removed with dressing layer) and secure dressing	40.91% 81	37.37% 74	12.63% 25	4.55% 9	2.02% 4	2.53% 5	198	1.94
Documentation on dressing and in patient medical record	31.50% 63	33.50% 67	12.00% 24	10.00% 20	6.50% 13	6.50% 13	200	2.40
Estimate your time for entire UGPIV procedure with gel and sterile probe cover	5.24% 10	2.62% 5	3.66% 7	3.14% 6	8.90% 17	76.44% 146	191	4.61
Estimate your time for entire UGPIV with protective dressing and gel on dressing	4.66% 9	2.07% 4	5.18% 10	4.66% 9	10.88% 21	72.54% 140	193	4.60

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### Q15 On average, how many patients with difficult intravenous access (DiVA) do you see for insertions each day/week/month?

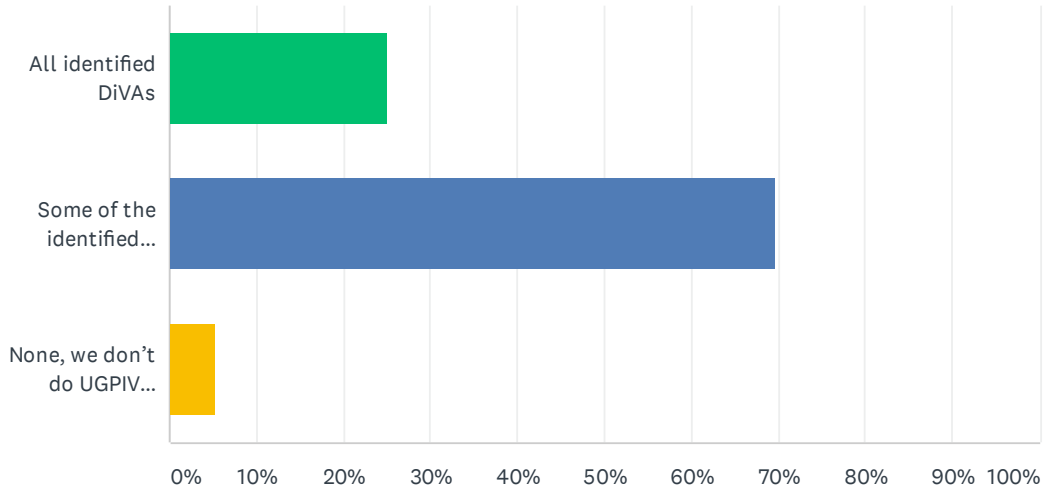
Answered: 196 Skipped: 203



ANSWER CHOICES	RESPONSES	
1 out of 10 (10%)	28.06%	55
2 out of 10 (20%)	23.98%	47
3 out of 10 (30%)	13.27%	26
4 out of 10 (40%)	13.78%	27
5 out of 10 (50%)	7.65%	15
>=6 out of 10 (60% or greater)	13.27%	26
<b>TOTAL</b>		<b>196</b>

## Q16 Among those with DiVA, how many receive UGPiVs?

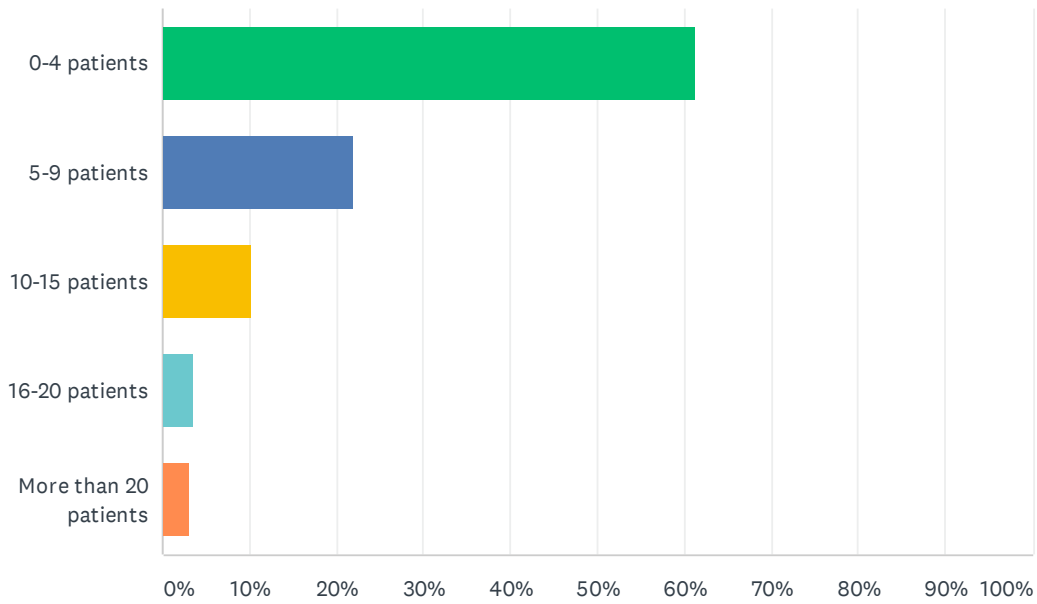
Answered: 195 Skipped: 204



ANSWER CHOICES	RESPONSES	
All identified DiVAs	25.13%	49
Some of the identified DiVAs	69.74%	136
None, we don't do UGPiV insertions	5.13%	10
<b>TOTAL</b>		<b>195</b>

### Q17 Estimate the number of UGPIV accesses you perform, or one of your staff performs each day at work?

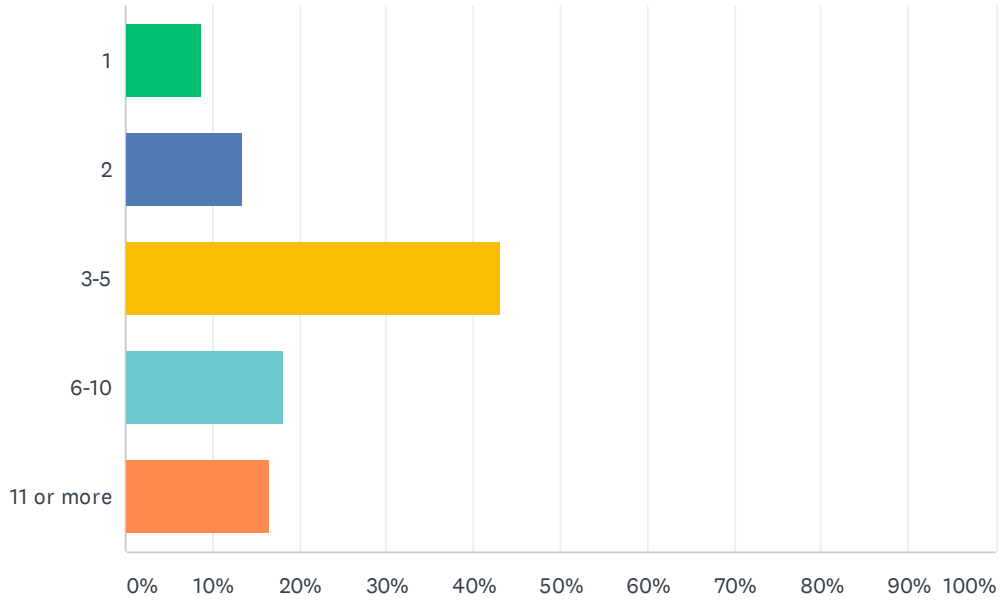
Answered: 196 Skipped: 203



ANSWER CHOICES	RESPONSES	
0-4 patients	61.22%	120
5-9 patients	21.94%	43
10-15 patients	10.20%	20
16-20 patients	3.57%	7
More than 20 patients	3.06%	6
<b>TOTAL</b>		<b>196</b>

## Q18 How many members of your team are inserting UGPIVs?

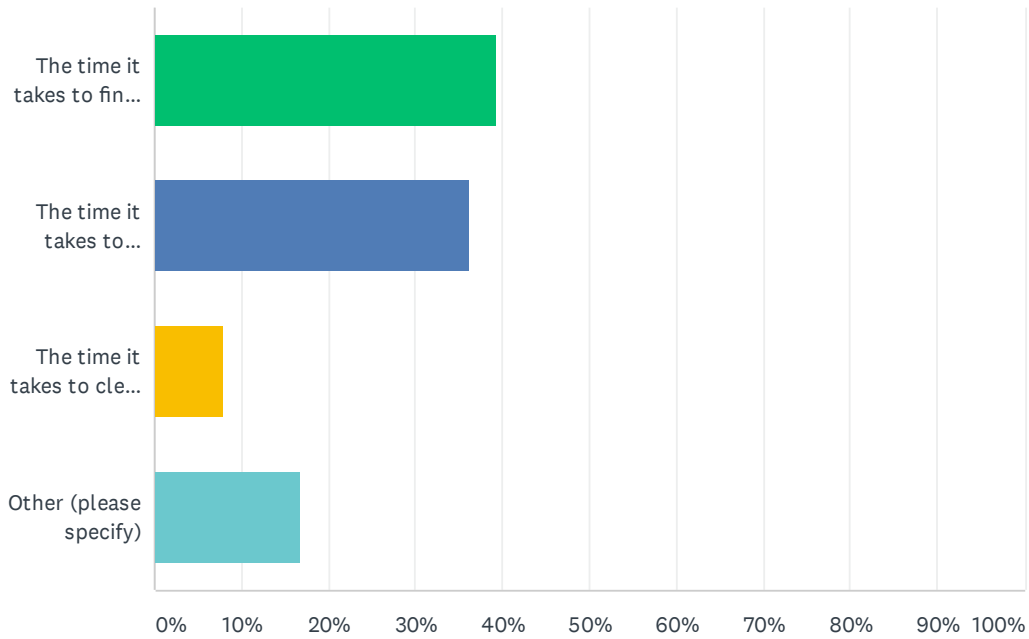
Answered: 193 Skipped: 206



ANSWER CHOICES	RESPONSES	
1	8.81%	17
2	13.47%	26
3-5	43.01%	83
6-10	18.13%	35
11 or more	16.58%	32
<b>TOTAL</b>		<b>193</b>

### Q19 In your opinion, which aspects of UGPIV can be improved?

Answered: 191 Skipped: 208



ANSWER CHOICES	RESPONSES	
The time it takes to find a suitable vessel	39.27%	75
The time it takes to disinfect, gel, cover, un-cover and clean the site and probe	36.13%	69
The time it takes to clean the insertion site with gel post cannulation	7.85%	15
Other (please specify)	16.75%	32
<b>TOTAL</b>		<b>191</b>

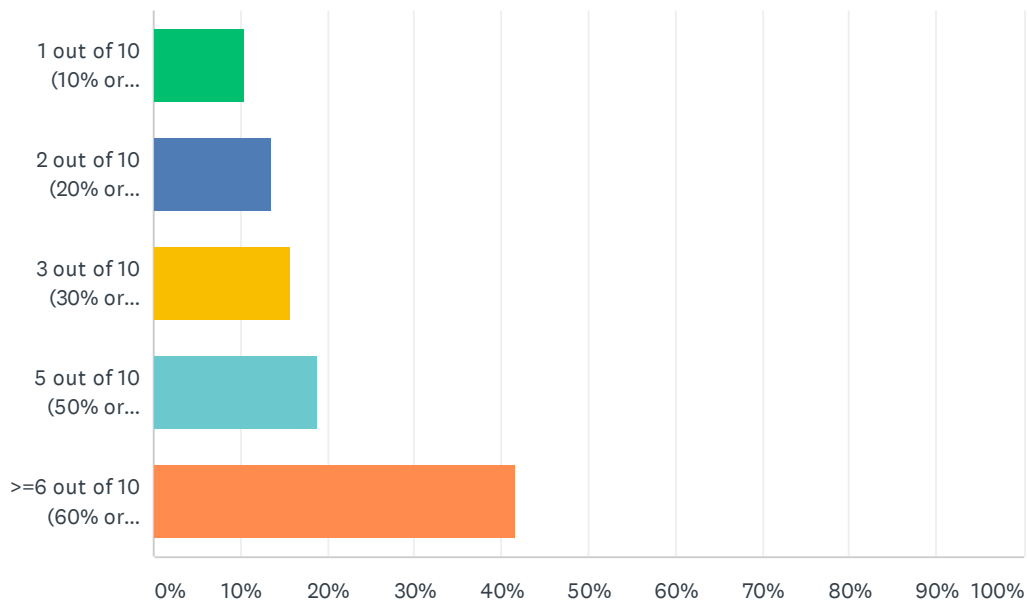
## UGPIV Survey

#	OTHER (PLEASE SPECIFY)	DATE
1	Gathering supplies time	10/24/2019 11:33 PM
2	the number of staff who are trained on UGPIV	10/23/2019 10:17 AM
3	Obtaining sufficient probe covers that are not cumbersome	10/22/2019 12:40 PM
4	Staff training	10/19/2019 1:17 PM
5	more trained staff	10/19/2019 12:48 AM
6	Training on best practices	10/18/2019 9:03 AM
7	mismatch in process with infection prevention control and nursing recommendation guidelines	10/18/2019 8:34 AM
8	Pt supplies not in room , Pt's in bath rm , Dr in room , destressing pt can take over 30 mins if you donot rush pt	7/26/2019 10:13 AM
9	getting the order from doctors	7/25/2019 6:07 AM
10	education on UGPIV	7/22/2019 4:56 PM
11	having someone available to do this procedure when needed	7/20/2019 3:54 AM
12	RN exposure/education prior to certification	7/20/2019 1:55 AM
13	Access to sterile gel, probe covers, longer PIV, UGPIV supplies	7/18/2019 12:54 PM
14	education with maggic	7/17/2019 11:01 PM
15	N/A	7/17/2019 5:23 PM
16	more accessibility to US machines. On busy days all 6 machines in ER are used.	7/17/2019 12:36 PM
17	more staff trained to insert	7/17/2019 11:30 AM
18	pediatric patient hold with proper body mechanics in relation to the ultrasound machine	7/17/2019 11:05 AM
19	more staff trained! Q18 is 0 b/c only the IV team can use US. We need more RNs to able to perform this on our ICU	7/10/2019 10:30 AM
20	we do not have one	7/7/2019 11:10 AM
21	having more users	7/7/2019 4:34 AM
22	More nurses trained to place UGPIV	7/6/2019 3:24 PM
23	nurses learning proper technique and not chosing the fastest way out	7/5/2019 11:17 PM
24	proper training and more staff trained to be able to place lines	7/5/2019 12:09 PM
25	The time it takes to find, set up and arrange equipment	7/4/2019 9:43 PM
26	time gather materias	7/4/2019 8:32 PM
27	Proper cleaning supplies for US probe	7/4/2019 12:49 PM
28	finding a machine to use	7/3/2019 6:01 PM
29	training others	7/3/2019 2:14 PM
30	tracking needle by US to vessel	7/3/2019 12:40 PM
31	increase staff competency	7/3/2019 12:32 PM
32	Having better machines to start UGPIV's with	7/3/2019 12:03 PM



## Q20 How many times has UGPIV success helped to avoid a central venous access or an external jugular catheter in patients with difficult venous access in your practice?

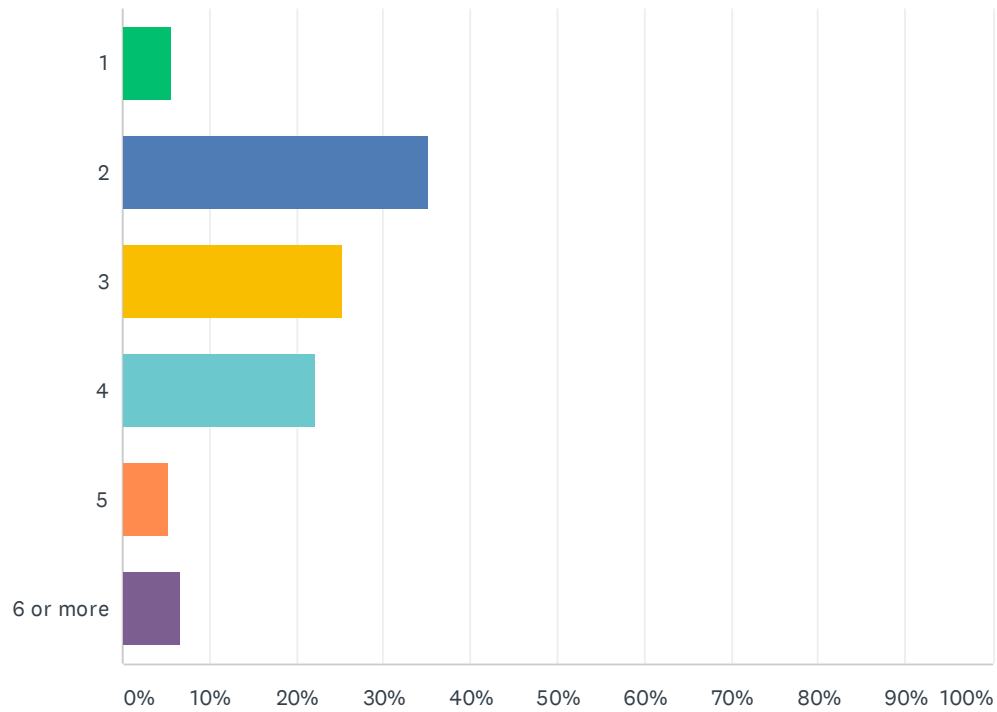
Answered: 192 Skipped: 207



ANSWER CHOICES	RESPONSES	
1 out of 10 (10% or greater)	10.42%	20
2 out of 10 (20% or greater)	13.54%	26
3 out of 10 (30% or greater)	15.63%	30
5 out of 10 (50% or greater)	18.75%	36
>=6 out of 10 (60% or greater)	41.67%	80
<b>TOTAL</b>		<b>192</b>

## Q21 How many attempts does it take you to gain PIV access in patients with difficult venous access if you do not use UGPIV?

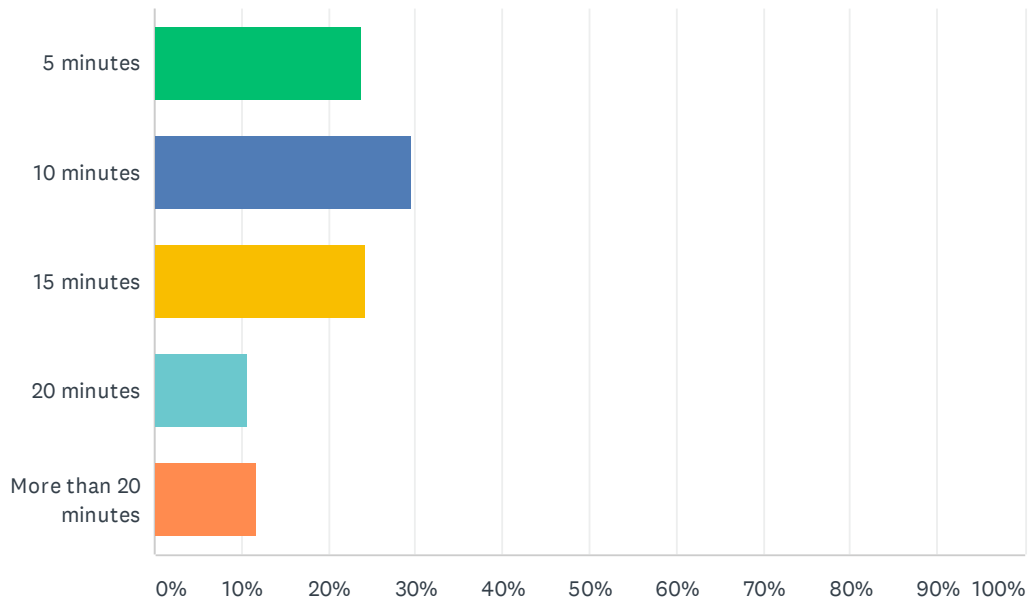
Answered: 194 Skipped: 205



ANSWER CHOICES	RESPONSES	
1	5.67%	11
2	35.05%	68
3	25.26%	49
4	22.16%	43
5	5.15%	10
6 or more	6.70%	13
<b>TOTAL</b>		<b>194</b>

## Q22 How much time would you estimate for each attempt with a DiVA without ultrasound

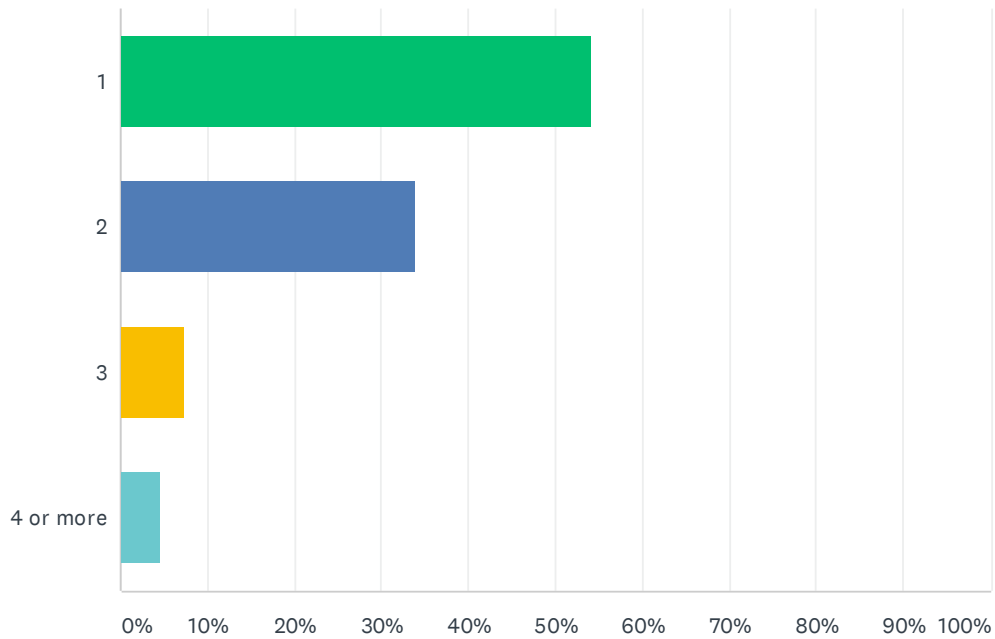
Answered: 197 Skipped: 202



ANSWER CHOICES	RESPONSES	
5 minutes	23.86%	47
10 minutes	29.44%	58
15 minutes	24.37%	48
20 minutes	10.66%	21
More than 20 minutes	11.68%	23
<b>TOTAL</b>		<b>197</b>

### Q23 How many attempts on average does it takes you to gain PIV access in patients with difficult venous access using UGPIV?

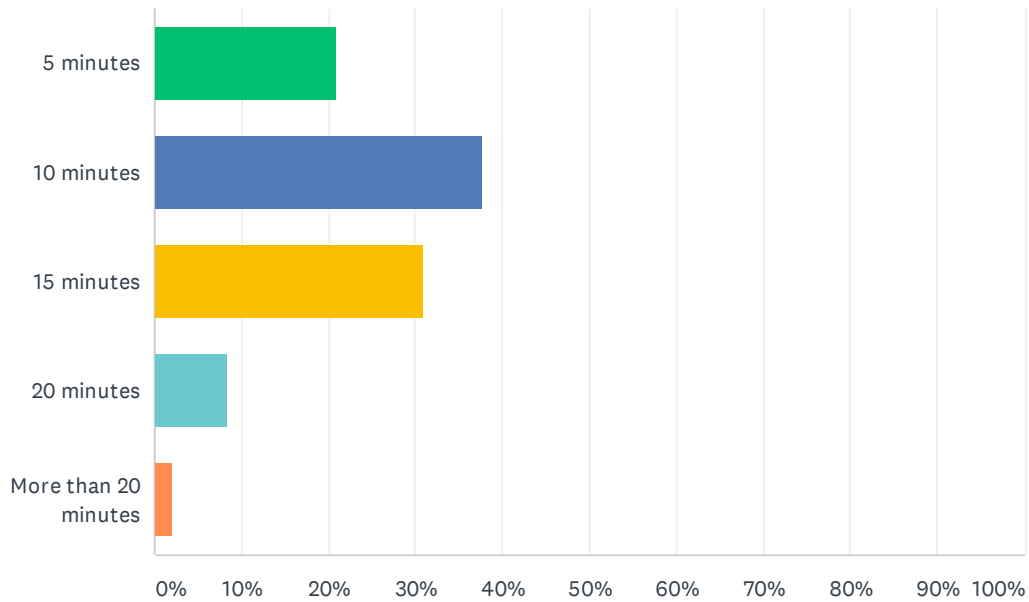
Answered: 192 Skipped: 207



ANSWER CHOICES	RESPONSES	
1	54.17%	104
2	33.85%	65
3	7.29%	14
4 or more	4.69%	9
<b>TOTAL</b>		<b>192</b>

## Q24 How much time would you estimate for each attempt with a DiVA with ultrasound

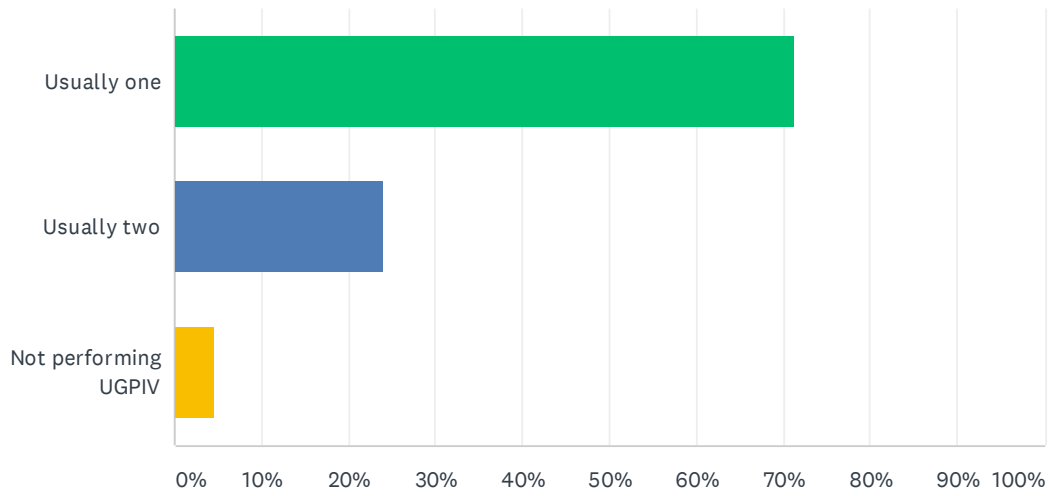
Answered: 191 Skipped: 208



ANSWER CHOICES	RESPONSES	
5 minutes	20.94%	40
10 minutes	37.70%	72
15 minutes	30.89%	59
20 minutes	8.38%	16
More than 20 minutes	2.09%	4
<b>TOTAL</b>		<b>191</b>

## Q25 How many staff members are involved with each UGPIV insertion at your place of work?

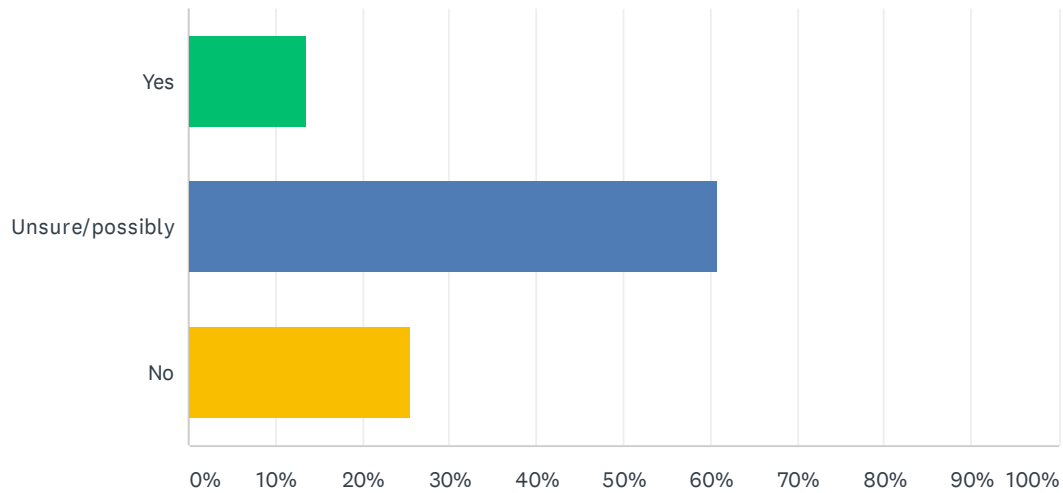
Answered: 195 Skipped: 204



ANSWER CHOICES	RESPONSES	
Usually one	71.28%	139
Usually two	24.10%	47
Not performing UGPIV	4.62%	9
<b>TOTAL</b>		<b>195</b>

## Q26 When cleaning around the catheter and removing gel from the skin after insertion, is aseptic technique ever compromised?

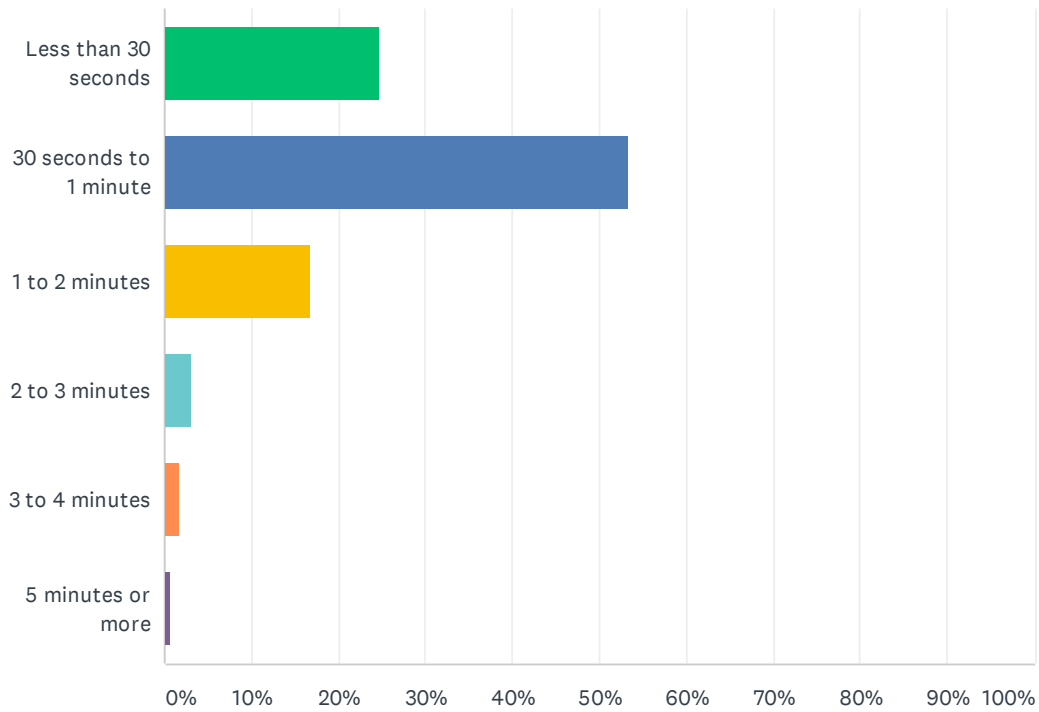
Answered: 192 Skipped: 207



ANSWER CHOICES	RESPONSES	
Yes	13.54%	26
Unsure/possibly	60.94%	117
No	25.52%	49
<b>TOTAL</b>		<b>192</b>

## Q27 How long does it take you to clean the gel from the area after cannulation?

Answered: 191 Skipped: 208

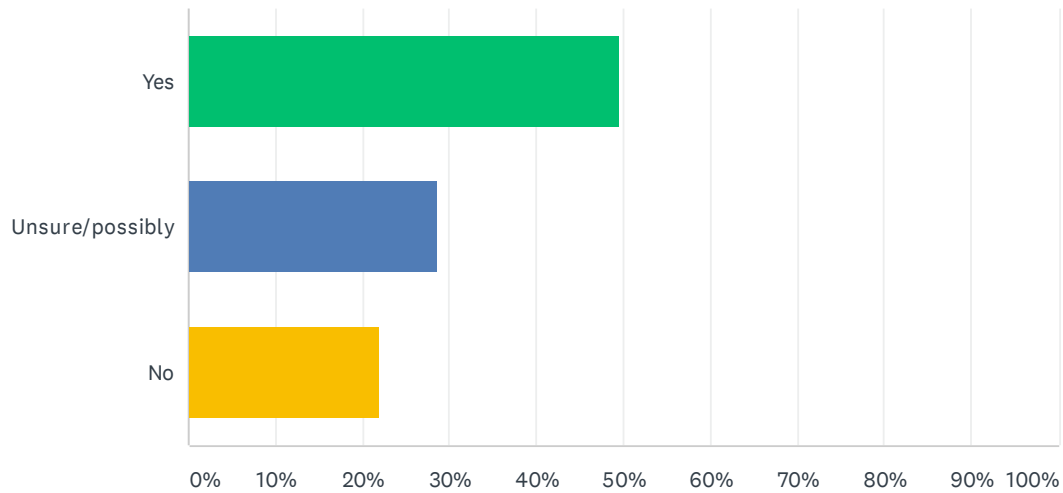


ANSWER CHOICES	RESPONSES	
Less than 30 seconds	24.61%	47
30 seconds to 1 minute	53.40%	102
1 to 2 minutes	16.75%	32
2 to 3 minutes	3.14%	6
3 to 4 minutes	1.57%	3
5 minutes or more	0.52%	1
<b>TOTAL</b>		<b>191</b>



## Q28 In your personal experience, has inadequate ultrasound gel removal resulted in PIV securement/dressing adhesive failure?

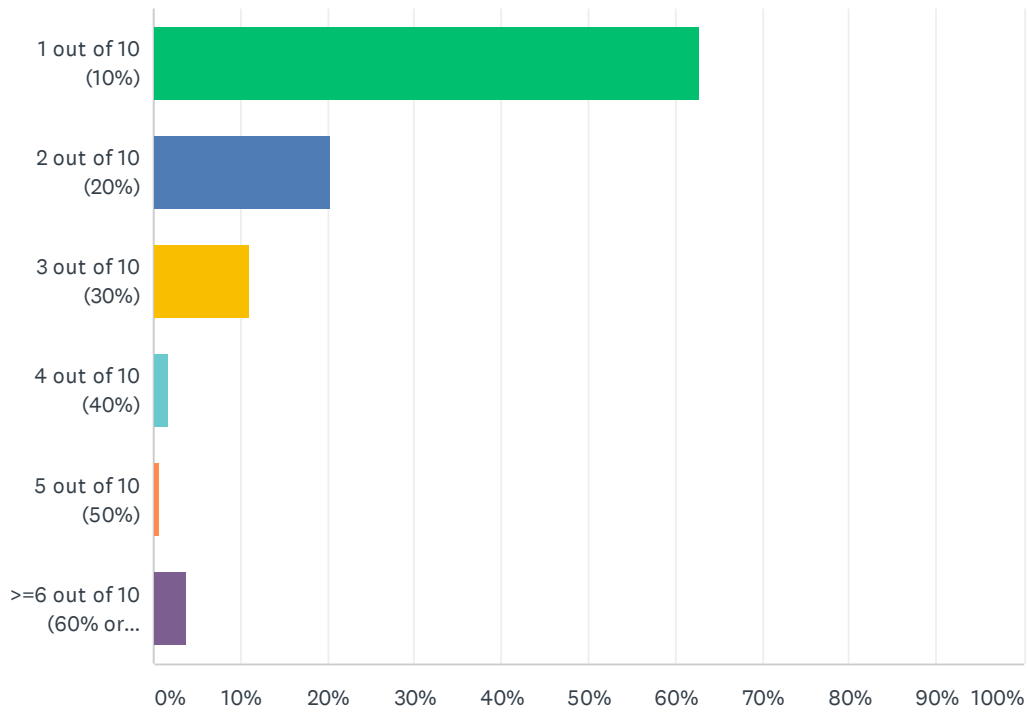
Answered: 192 Skipped: 207



ANSWER CHOICES	RESPONSES	
Yes	49.48%	95
Unsure/possibly	28.65%	55
No	21.88%	42
<b>TOTAL</b>		<b>192</b>

## Q29 How many times has inadequate gel removal resulted in dressing or securement failure?

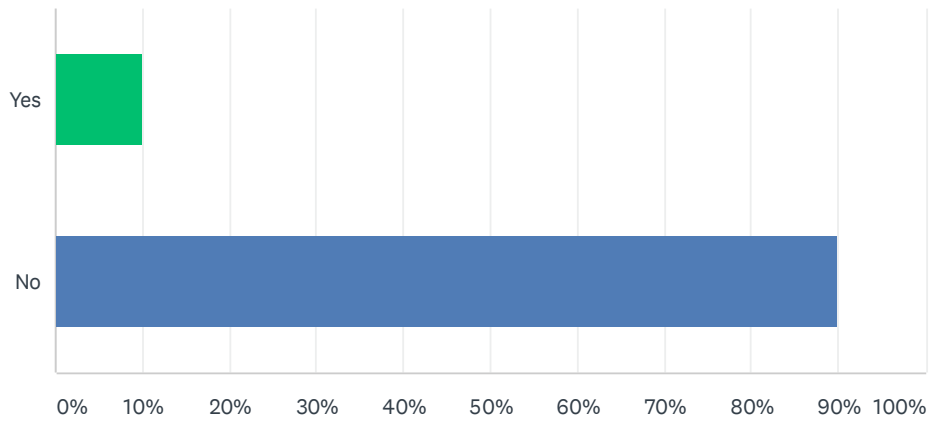
Answered: 188 Skipped: 211



ANSWER CHOICES	RESPONSES	
1 out of 10 (10%)	62.77%	118
2 out of 10 (20%)	20.21%	38
3 out of 10 (30%)	11.17%	21
4 out of 10 (40%)	1.60%	3
5 out of 10 (50%)	0.53%	1
>=6 out of 10 (60% or greater)	3.72%	7
<b>TOTAL</b>		<b>188</b>

### Q30 Have you used an ultrasound protective securement dressing that separates gel from the skin (UltraDrape)?

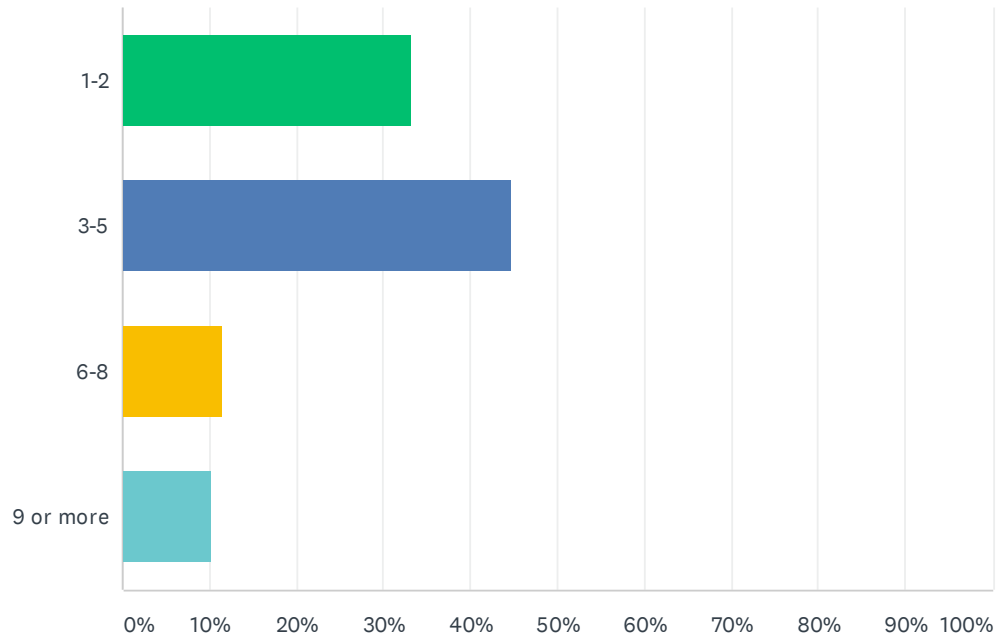
Answered: 191 Skipped: 208



ANSWER CHOICES	RESPONSES	
Yes	9.95%	19
No	90.05%	172
TOTAL		191

### Q31 How many attempts would it or did it take you to learn to use an ultrasound protective securement dressing for UGPIV before you can use it comfortably/safely for best aseptic technique?

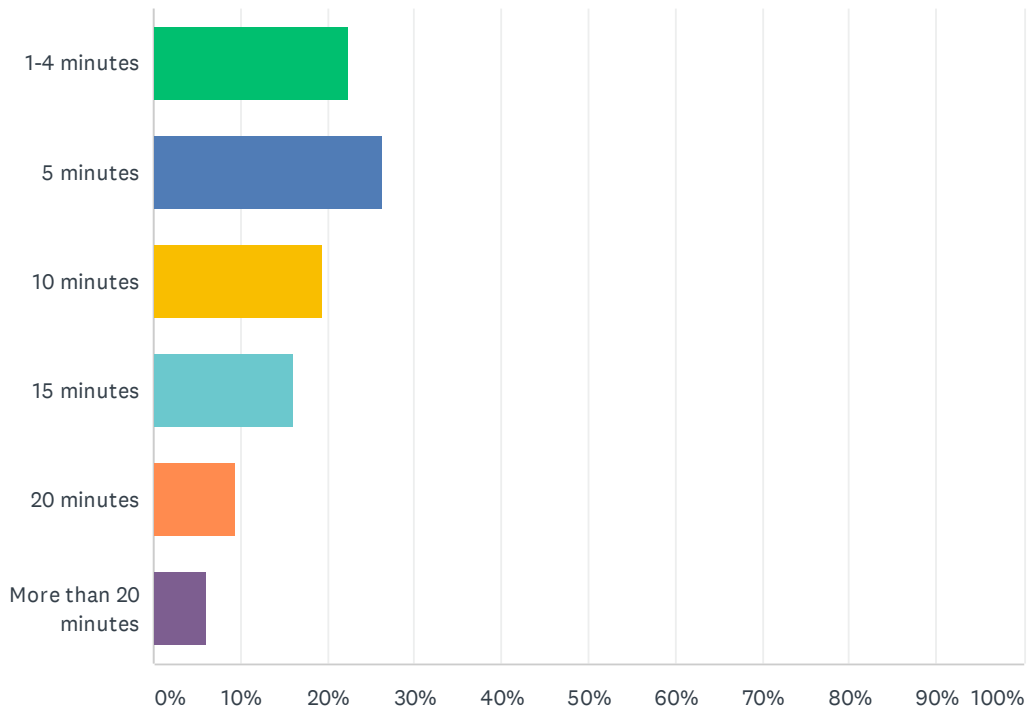
Answered: 174 Skipped: 225



ANSWER CHOICES	RESPONSES	
1-2	33.33%	58
3-5	44.83%	78
6-8	11.49%	20
9 or more	10.34%	18
TOTAL		174

### Q32 How much time would you need to complete the UGPIV access using an ultrasound protective securement dressing for the first time?

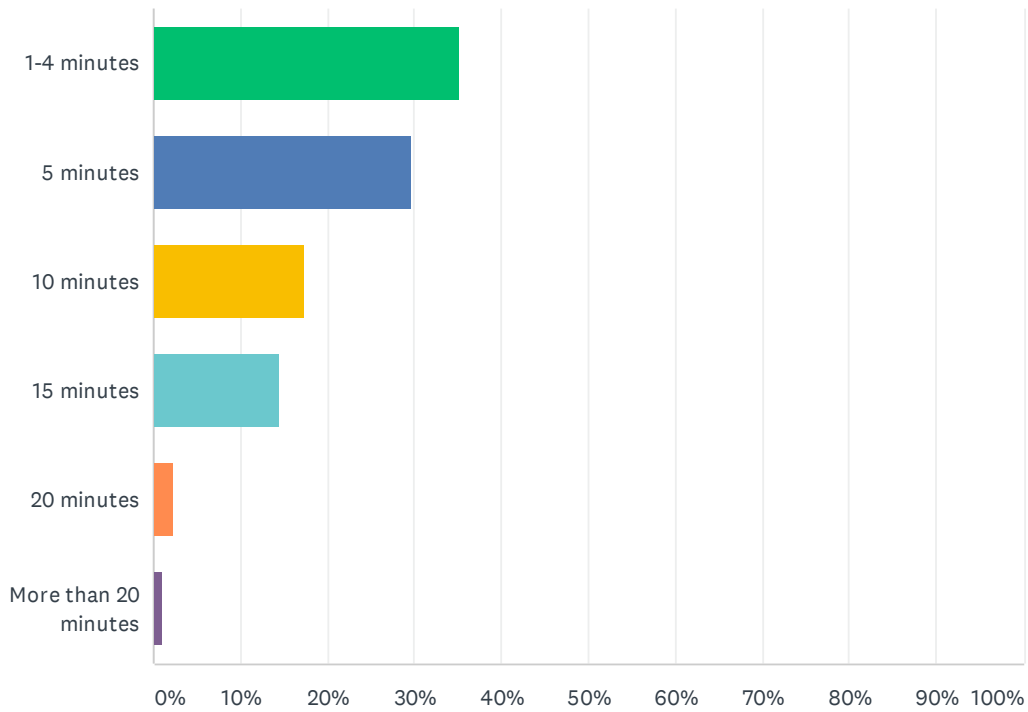
Answered: 179 Skipped: 220



ANSWER CHOICES	RESPONSES	
1-4 minutes	22.35%	40
5 minutes	26.26%	47
10 minutes	19.55%	35
15 minutes	16.20%	29
20 minutes	9.50%	17
More than 20 minutes	6.15%	11
<b>TOTAL</b>		<b>179</b>

### Q33 How much time might it take you to complete UGPIV access using an ultrasound protective securement dressing once you are comfortable?

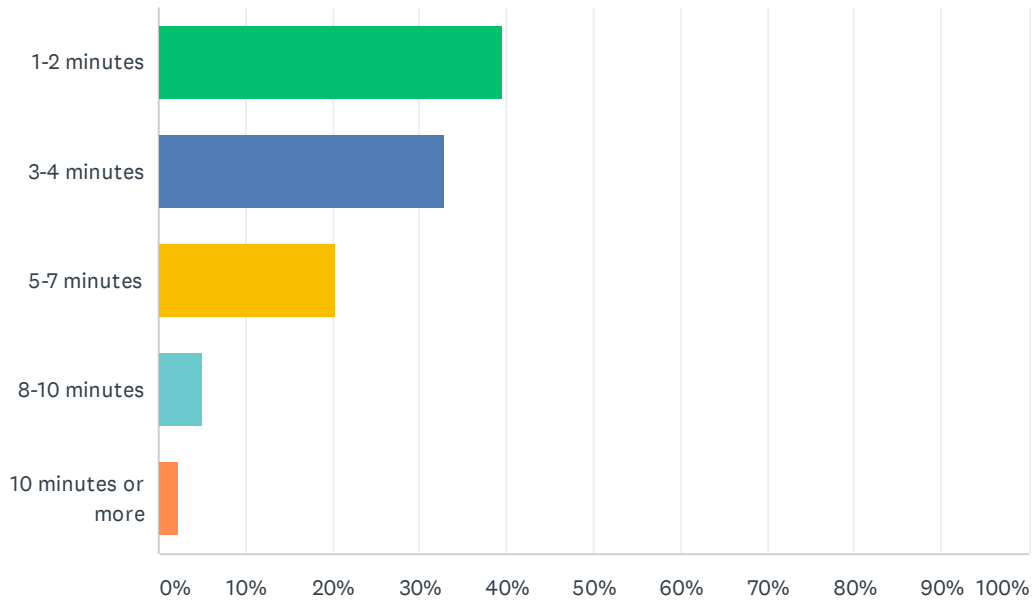
Answered: 179 Skipped: 220



ANSWER CHOICES	RESPONSES	
1-4 minutes	35.20%	63
5 minutes	29.61%	53
10 minutes	17.32%	31
15 minutes	14.53%	26
20 minutes	2.23%	4
More than 20 minutes	1.12%	2
<b>TOTAL</b>		<b>179</b>

### Q34 How much time would you save during an UGPIV procedure using an ultrasound protective securement dressing, instead of a sterile probe cover with gel inside the cover and on the skin?

Answered: 177 Skipped: 222



ANSWER CHOICES	RESPONSES	
1-2 minutes	39.55%	70
3-4 minutes	32.77%	58
5-7 minutes	20.34%	36
8-10 minutes	5.08%	9
10 minutes or more	2.26%	4
<b>TOTAL</b>		<b>177</b>