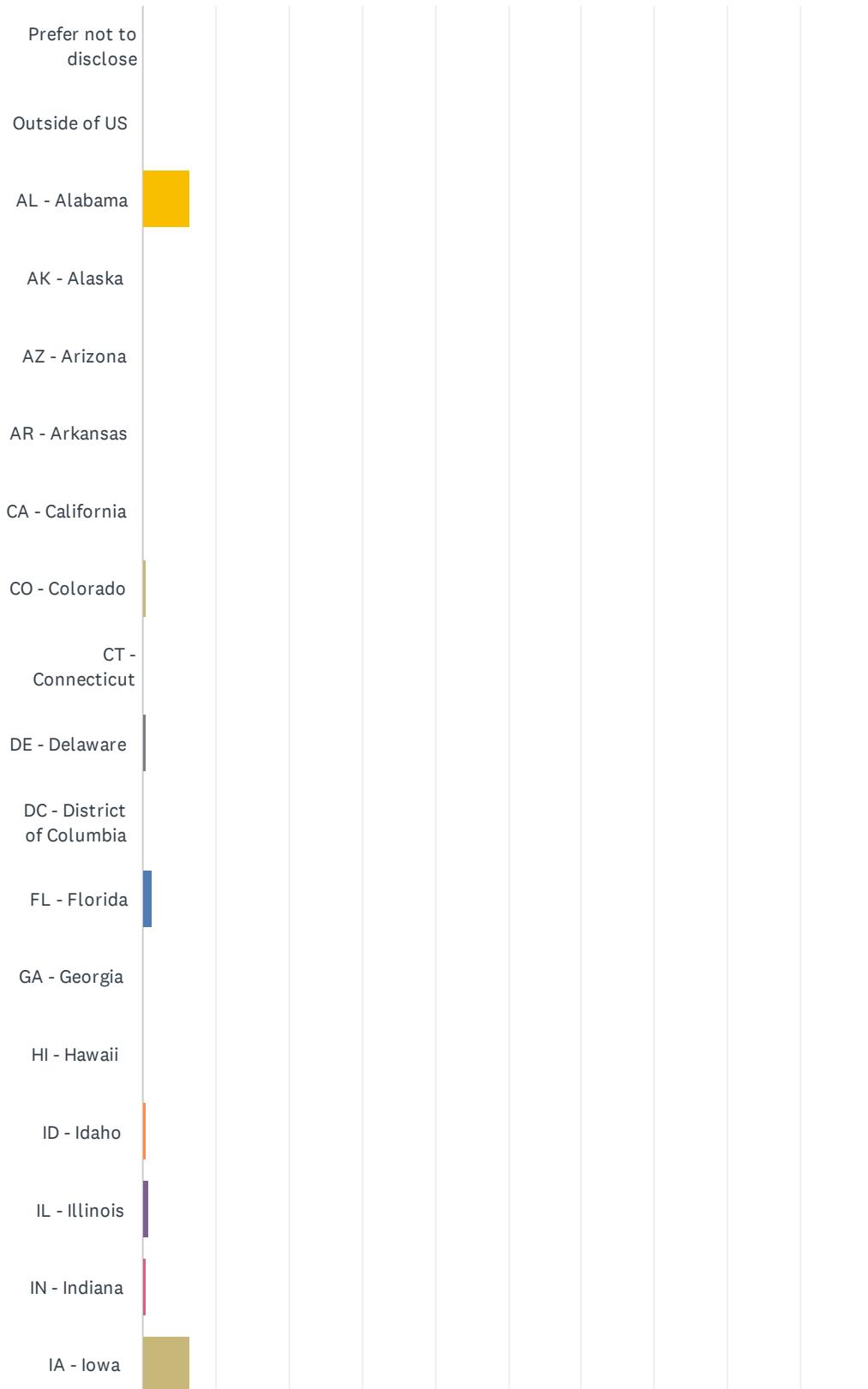
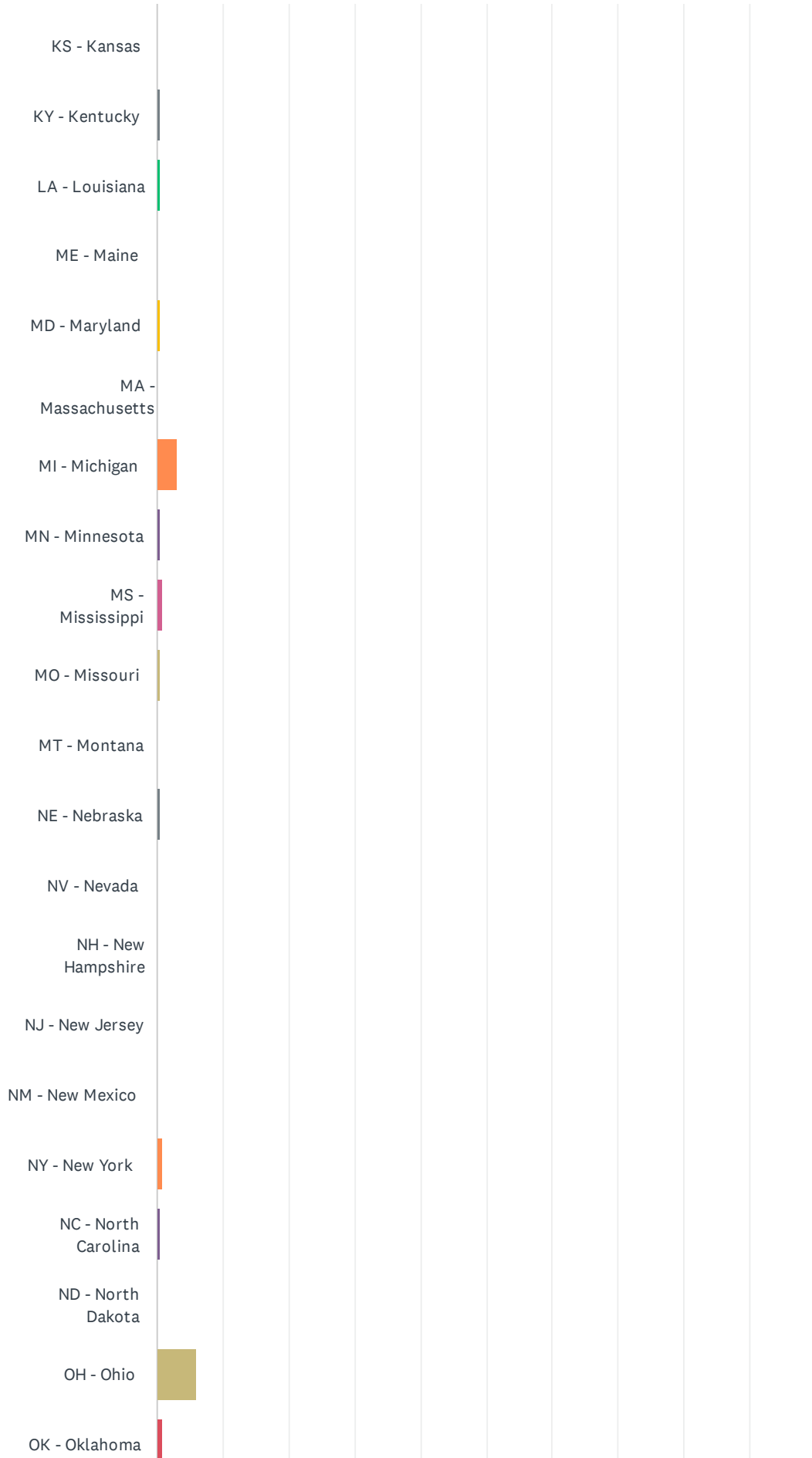


Q1 In which state do you perform the majority of your embalmings? (If you prefer not to disclose, select that option from the dropdown menu.)

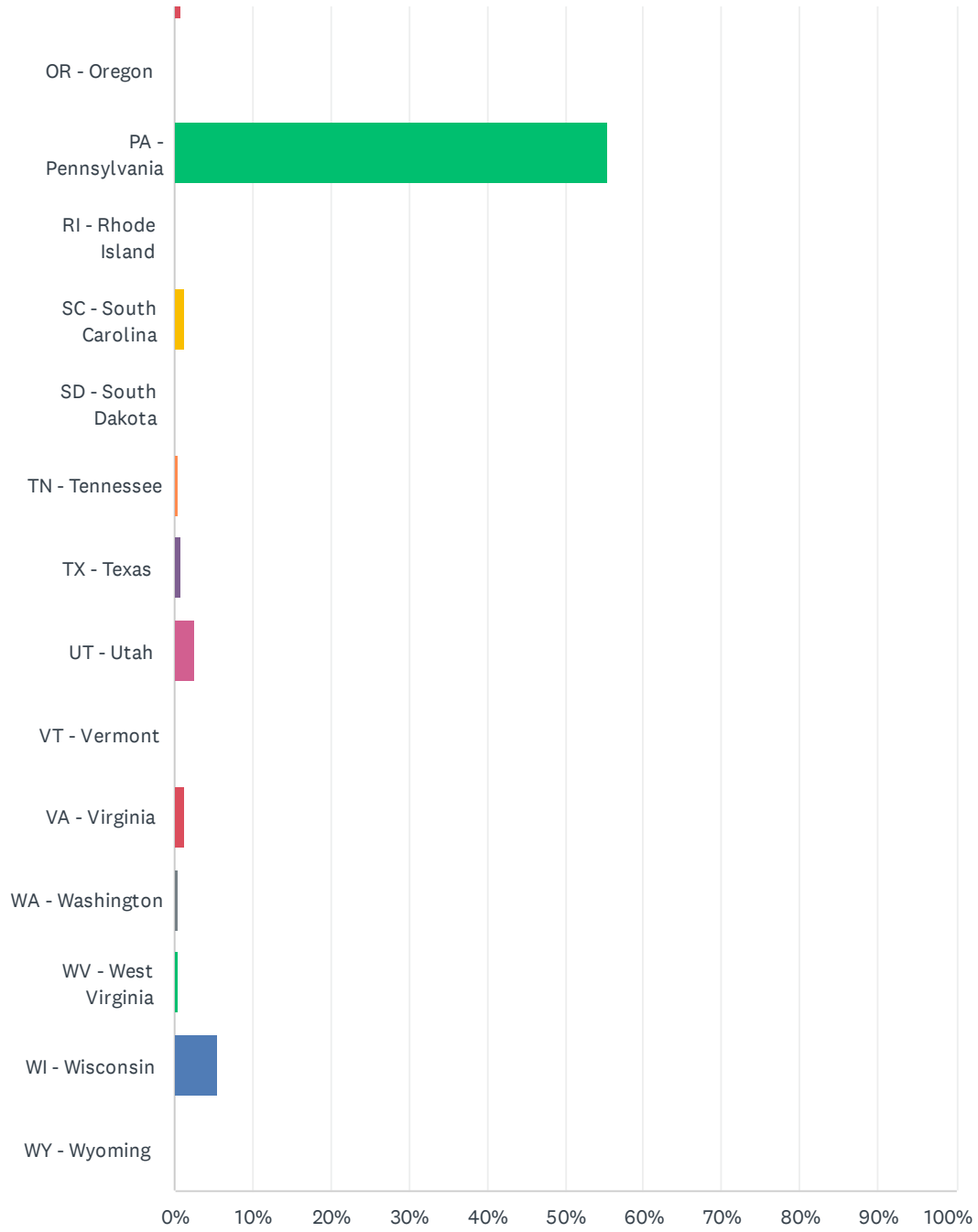
Answered: 231 Skipped: 0



USA DECEMBER 2023 EMBALMER BLOOD CLOT SURVEY



USA DECEMBER 2023 EMBALMER BLOOD CLOT SURVEY



USA DECEMBER 2023 EMBALMER BLOOD CLOT SURVEY

ANSWER CHOICES	RESPONSES	
Prefer not to disclose	0.00%	0
Outside of US	0.00%	0
AL - Alabama	6.49%	15
AK - Alaska	0.00%	0
AZ - Arizona	0.00%	0
AR - Arkansas	0.00%	0
CA - California	0.00%	0
CO - Colorado	0.43%	1
CT - Connecticut	0.00%	0
DE - Delaware	0.43%	1
DC - District of Columbia	0.00%	0
FL - Florida	1.30%	3
GA - Georgia	0.00%	0
HI - Hawaii	0.00%	0
ID - Idaho	0.43%	1
IL - Illinois	0.87%	2
IN - Indiana	0.43%	1
IA - Iowa	6.49%	15
KS - Kansas	0.00%	0
KY - Kentucky	0.43%	1
LA - Louisiana	0.43%	1
ME - Maine	0.00%	0
MD - Maryland	0.43%	1
MA - Massachusetts	0.00%	0
MI - Michigan	3.03%	7
MN - Minnesota	0.43%	1
MS - Mississippi	0.87%	2
MO - Missouri	0.43%	1
MT - Montana	0.00%	0
NE - Nebraska	0.43%	1
NV - Nevada	0.00%	0
NH - New Hampshire	0.00%	0

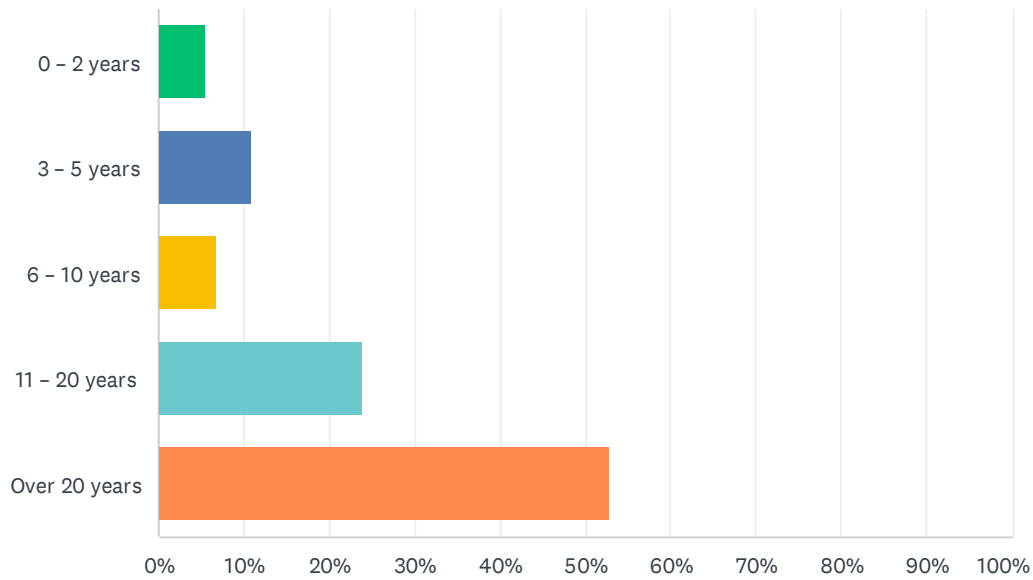
USA DECEMBER 2023 EMBALMER BLOOD CLOT SURVEY

NJ - New Jersey	0.00%	0
NM - New Mexico	0.00%	0
NY - New York	0.87%	2
NC - North Carolina	0.43%	1
ND - North Dakota	0.00%	0
OH - Ohio	6.06%	14
OK - Oklahoma	0.87%	2
OR - Oregon	0.00%	0
PA - Pennsylvania	55.41%	128
RI - Rhode Island	0.00%	0
SC - South Carolina	1.30%	3
SD - South Dakota	0.00%	0
TN - Tennessee	0.43%	1
TX - Texas	0.87%	2
UT - Utah	2.60%	6
VT - Vermont	0.00%	0
VA - Virginia	1.30%	3
WA - Washington	0.43%	1
WV - West Virginia	0.43%	1
WI - Wisconsin	5.63%	13
WY - Wyoming	0.00%	0
TOTAL		231

#	IF OUTSIDE OF US, PLEASE SPECIFY	DATE
	There are no responses.	

Q2 How many years have you been an active embalmer?

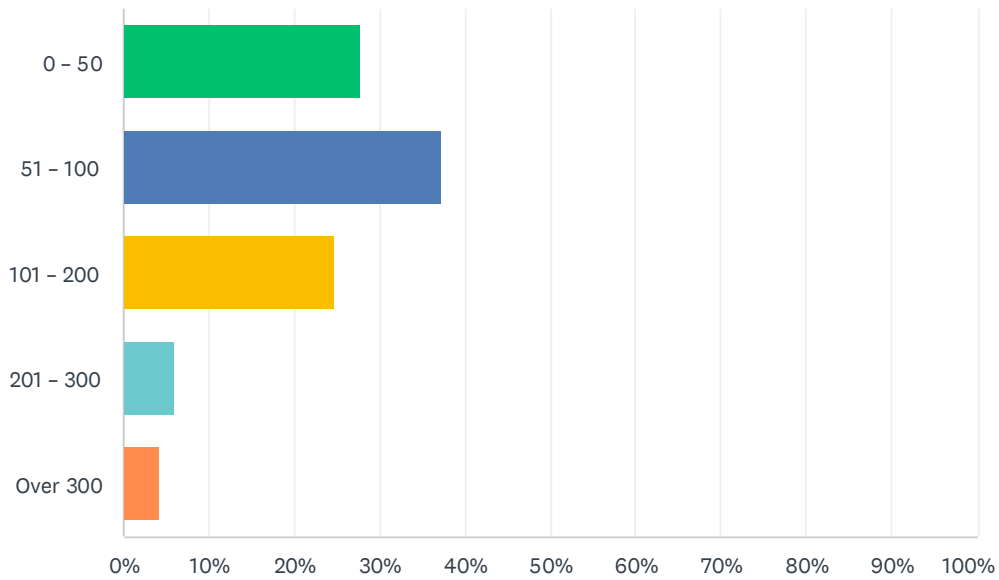
Answered: 231 Skipped: 0



ANSWER CHOICES	RESPONSES	
0 - 2 years	5.63%	13
3 - 5 years	10.82%	25
6 - 10 years	6.93%	16
11 - 20 years	23.81%	55
Over 20 years	52.81%	122
TOTAL		231

Q3 How many corpses do you personally embalm per year?

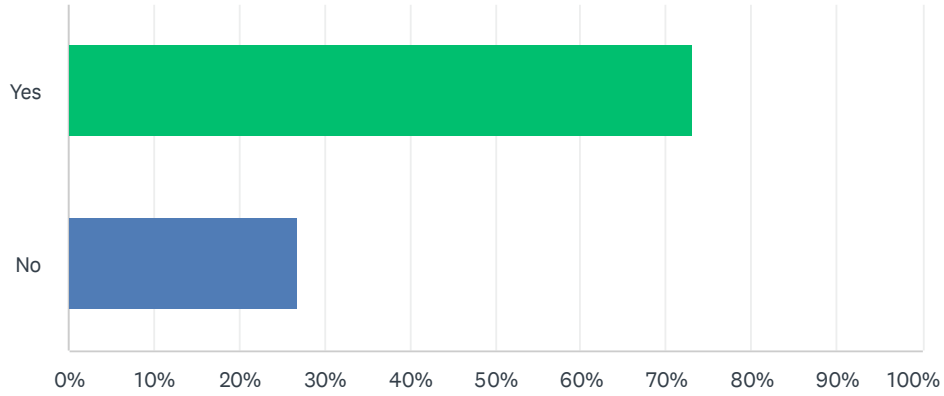
Answered: 231 Skipped: 0



ANSWER CHOICES	RESPONSES	
0 - 50	27.71%	64
51 - 100	37.23%	86
101 - 200	24.68%	57
201 - 300	6.06%	14
Over 300	4.33%	10
TOTAL		231

Q4 Did you observe any large whitish “fibrous” structures/clots (as seen in photo above) in the corpses that you embalmed in Year 2023?

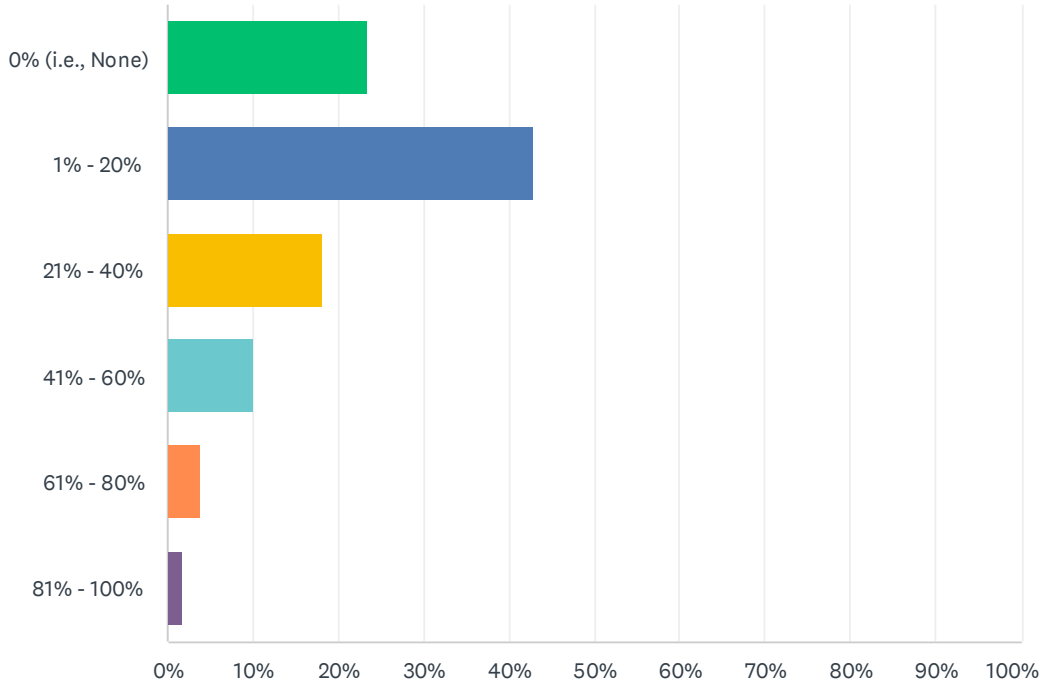
Answered: 231 Skipped: 0



ANSWER CHOICES	RESPONSES	
Yes	73.16%	169
No	26.84%	62
TOTAL		231

Q5 What percentage of the corpses in the Year 2023 that you have embalmed have had the large whitish "fibrous" structures/clots? (Please select only one answer.)

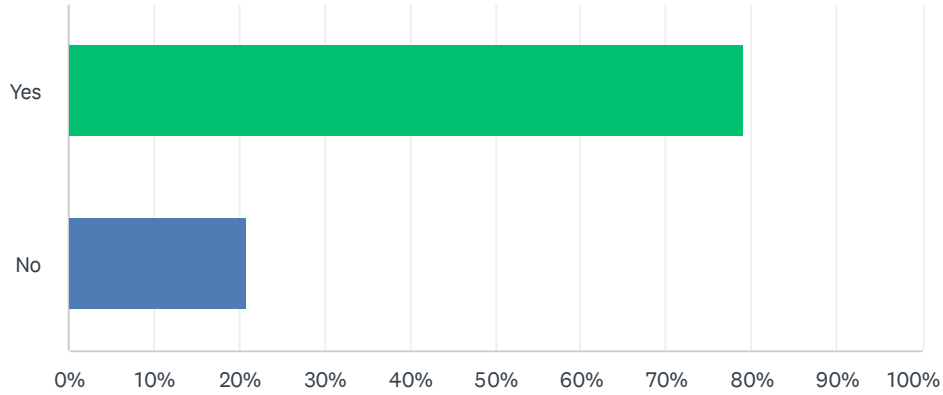
Answered: 231 Skipped: 0



ANSWER CHOICES	RESPONSES
0% (i.e., None)	23.38% 54
1% - 20%	42.86% 99
21% - 40%	18.18% 42
41% - 60%	9.96% 23
61% - 80%	3.90% 9
81% - 100%	1.73% 4
TOTAL	231

Q6 Did you observe any “micro-clotting” in the corpses that you embalmed in Year 2023, as evidenced by the appearance of “coffee grounds” or “dirty blood” in the drainage?

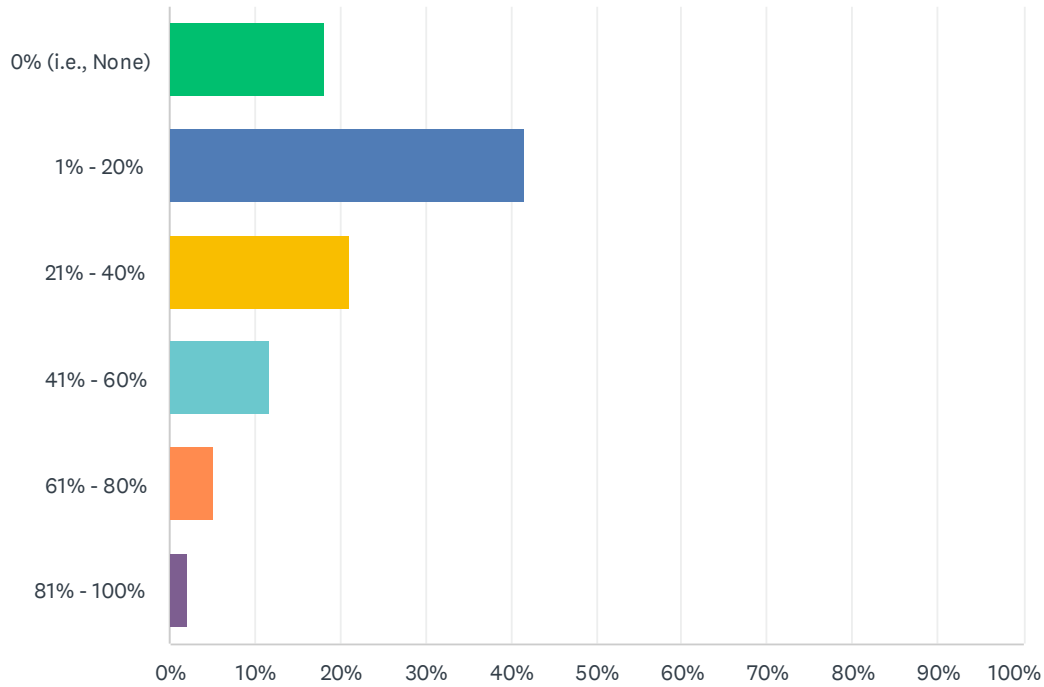
Answered: 230 Skipped: 1



ANSWER CHOICES	RESPONSES	
Yes	79.13%	182
No	20.87%	48
TOTAL		230

Q7 What percentage of the corpses in Year 2023 that you have embalmed have had the micro-clotting/"coffee grounds"/"dirty blood"?

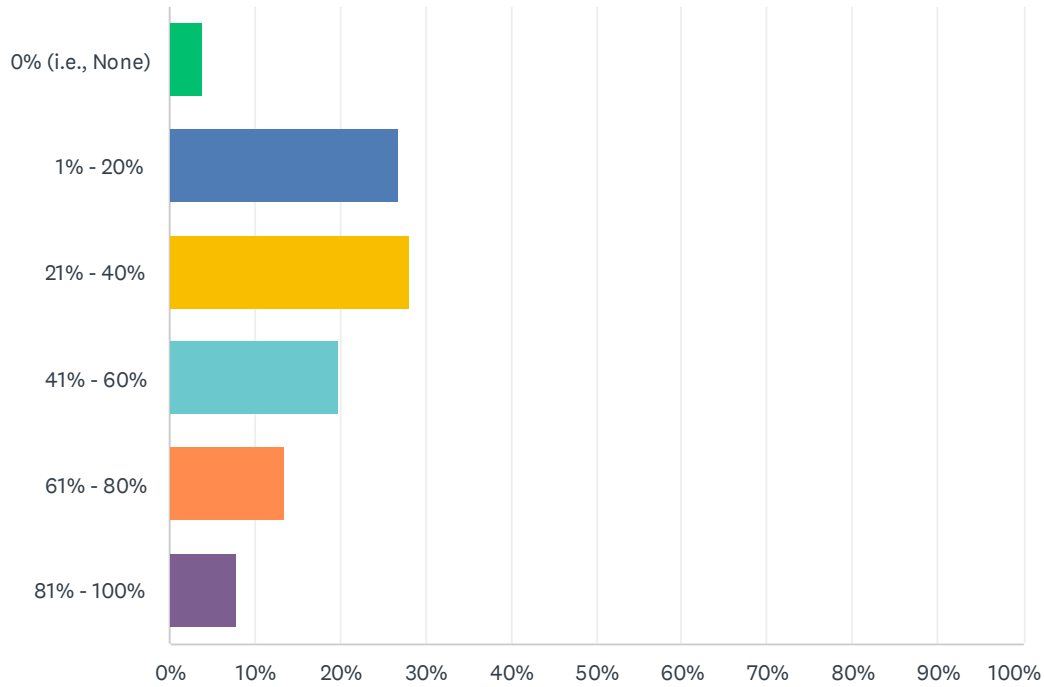
Answered: 231 Skipped: 0



ANSWER CHOICES	RESPONSES	
0% (i.e., None)	18.18%	42
1% - 20%	41.56%	96
21% - 40%	21.21%	49
41% - 60%	11.69%	27
61% - 80%	5.19%	12
81% - 100%	2.16%	5
TOTAL		231

Q8 What percentage of the corpses in Year 2023 that you have embalmed have had traditional “grape jelly” blood clots?

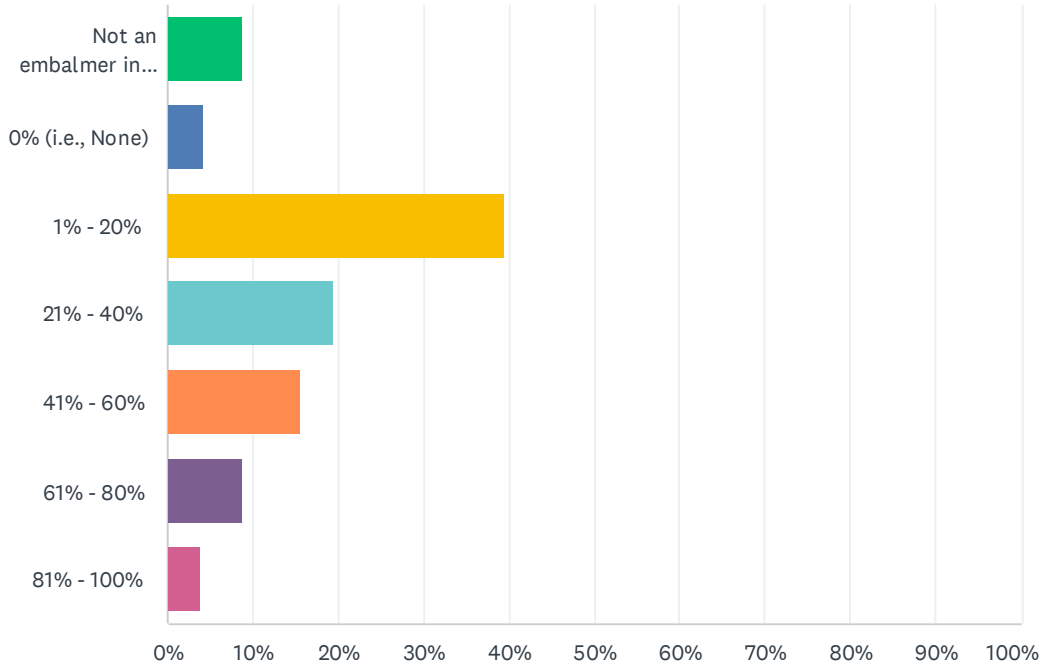
Answered: 231 Skipped: 0



ANSWER CHOICES	RESPONSES	
0% (i.e., None)	3.90%	9
1% - 20%	26.84%	62
21% - 40%	28.14%	65
41% - 60%	19.91%	46
61% - 80%	13.42%	31
81% - 100%	7.79%	18
TOTAL		231

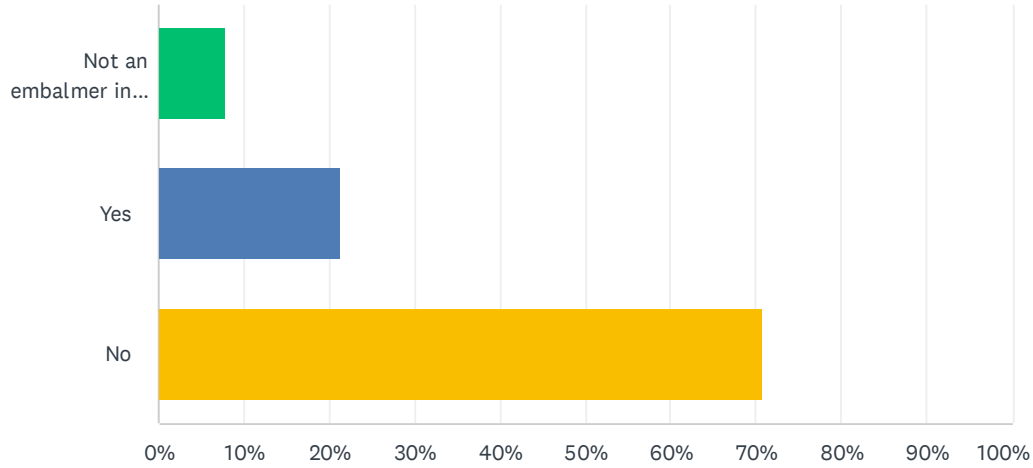
Q9 Prior to and including Year 2019, what percentage of the corpses that you embalmed had traditional “grape jelly” blood clots?

Answered: 231 Skipped: 0



Q10 Did you embalm an increased number of infant deaths (i.e., miscarriages, fetal demises, stillborns, SIDS) in Year 2023 when compared to Years 2019 and prior?

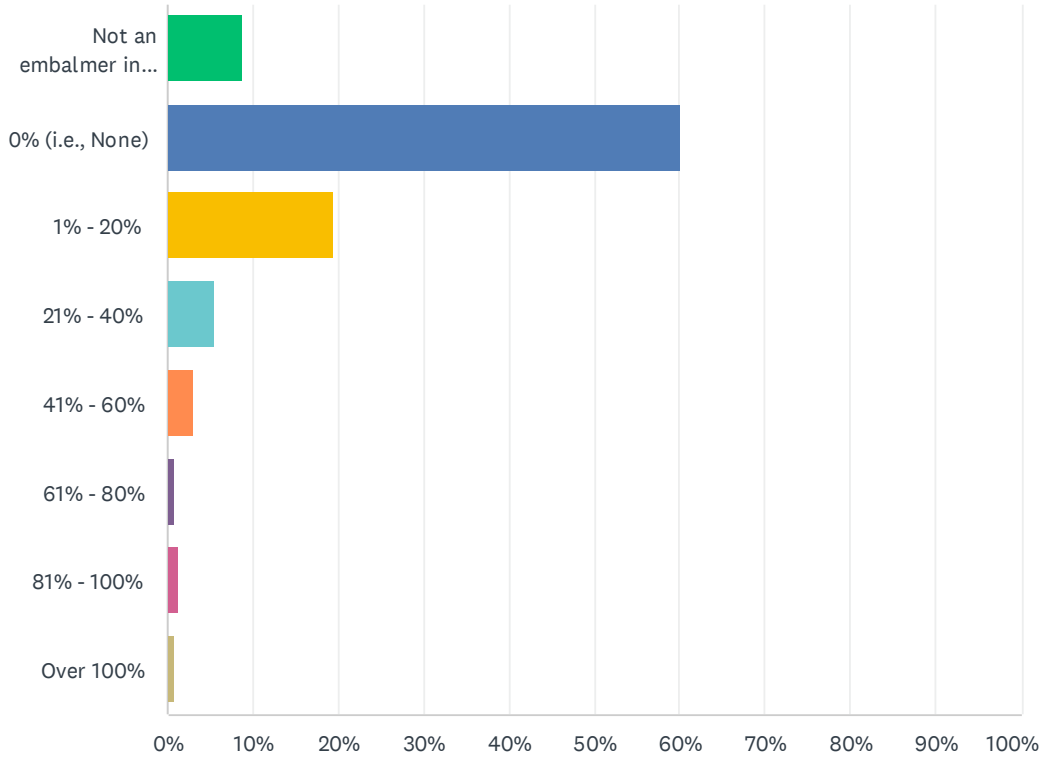
Answered: 229 Skipped: 2



ANSWER CHOICES	RESPONSES	
Not an embalmer in Year 2019 or prior, so cannot compare	7.86%	18
Yes	21.40%	49
No	70.74%	162
TOTAL		229

Q11 What was the percent increase in embalmings of infant deaths (i.e., miscarriages, fetal demises, stillborns, SIDS) in Year 2023 when compared to Years 2019 and prior?

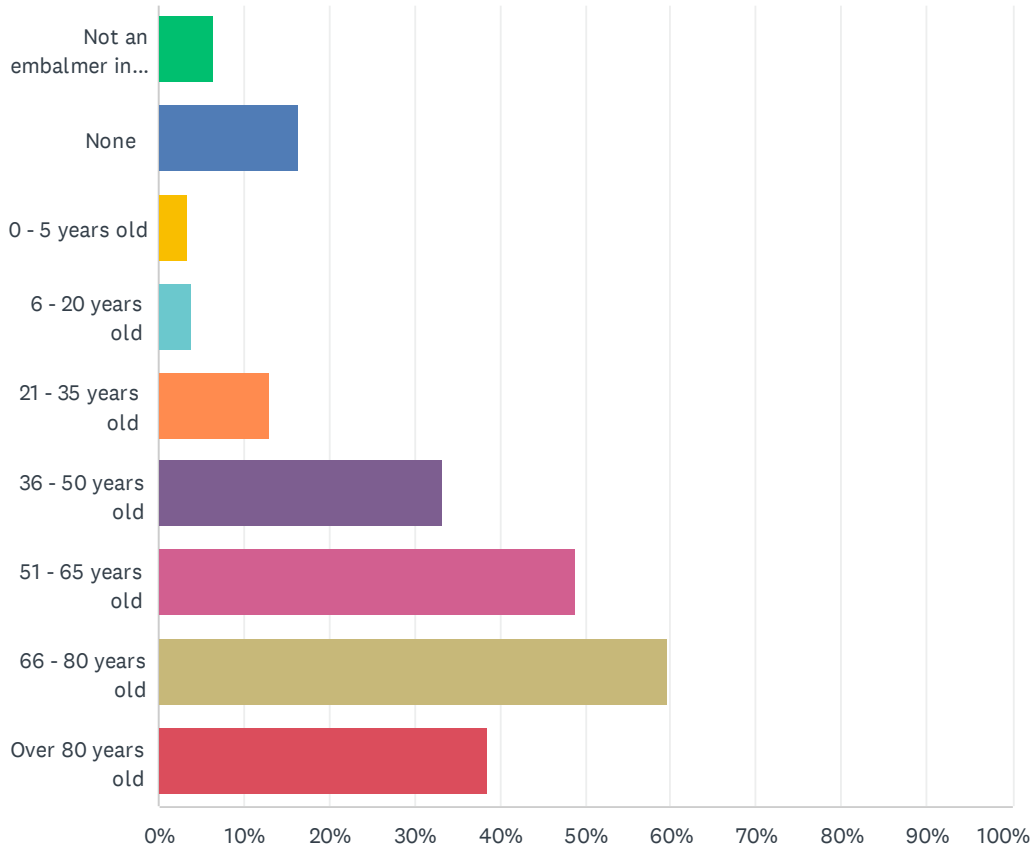
Answered: 231 Skipped: 0



ANSWER CHOICES	RESPONSES	
Not an embalmer in Year 2019 or prior, so cannot compare	8.66%	20
0% (i.e., None)	60.17%	139
1% - 20%	19.48%	45
21% - 40%	5.63%	13
41% - 60%	3.03%	7
61% - 80%	0.87%	2
81% - 100%	1.30%	3
Over 100%	0.87%	2
TOTAL		231

Q12 What age groups (CHECK ALL THAT APPLY) did you observe an increase in the number of clots (any type) in Year 2023 when compared to Years 2019 and prior? (Please check ALL age groups that apply. Please select “None” if you have not seen an increase in any age group.)

Answered: 231 Skipped: 0



USA DECEMBER 2023 EMBALMER BLOOD CLOT SURVEY

ANSWER CHOICES	RESPONSES	
Not an embalmer in Year 2019 or prior, so cannot answer	6.49%	15
None	16.45%	38
0 - 5 years old	3.46%	8
6 - 20 years old	3.90%	9
21 - 35 years old	12.99%	30
36 - 50 years old	33.33%	77
51 - 65 years old	48.92%	113
66 - 80 years old	59.74%	138
Over 80 years old	38.53%	89
Total Respondents: 231		

Q13 COMMENTS (Optional): In case you want to describe in greater detail what you are observing concerning these "white fibrous structures/clots," "micro-clotting," or traditional "grape jelly" clots, infant deaths, age group stratification, etc.

Answered: 53 Skipped: 178

#	RESPONSES	DATE
1	I personally didn't embalm miscarriages or infants. However, my husband works at a crematory and the number they cremated has gone up exponentially! I have a photo of a clot very similar to the one above.	1/5/2024 8:38 AM
2	I have observed all sorts of different blood clots in the past few years. All the types of clots mentioned above as well as a few others. One particular clot in fact concerns me. This clot does not resemble the other clots mentioned above. It is stringy with ganglia, almost resembling an octopus or squid in appearance. A solid grape fibrous structure with tendrils or strings branching out from different directions. If a clot with that type of structure would occur in a living person it could seriously effect several arteries or veins at the same time. It could shut down and cause organ failure in any major organ. I have never observed clots like that before 2020. Just as the survey asked above about the micro-clotting that look like coffee grounds which I have also never seen before 2020. I'm not sure what has caused that type of change. But I do think it needs to be looked into, talked about, and studied.	1/4/2024 10:12 PM
3	I have seen a larger increase in these large fibrous clots since the Covid Vaccine has come out.	1/2/2024 10:29 AM
4	In 2022 our firm had more infant deaths than we have ever had. In 2023 I noticed more white fibrous clots than I had ever seen, mostly in elderly.	1/1/2024 8:13 PM
5	The structures being removed from my perspective seem impossible for the human body to create in and of themselves; also, i attempted to stain and observe under a microscope "blood" from one of the structures that does Not absorb stain as is characteristic of blood.	12/31/2023 7:48 PM
6	almost all nursing/assisted living people, that were vaccinated showed these clots, blacked finger tips, blacked toes, blochy skin	12/28/2023 11:25 AM
7	definitely blood is more often very viscous and the clots are very thick - just like jelly. When cleaning the table, we need comet to get off the very stuck, sticky blood. It doesn't come off easily like before	12/27/2023 9:55 AM
8	I do autopsies ,not embalming and I have not seen any unusual clotting.	12/22/2023 5:13 PM
9	I found it interesting after the COVID-19 shots were administered the increase of the white fibrous clots increased significantly. You can definitely tell who took the shots versus who did not. I refuse to call it a vaccine since it does not prevent transmission or spread of the virus.	12/22/2023 9:01 AM
10	I have a lot of Amish clients. During one of the COVID peaks last year, I believe it was 12 infant stillborns I had during a 5 week span.	12/22/2023 8:42 AM
11	It was noted that those who were considered healthy still provided these clots and the age frame was higher in those ages 50 through early 60's. I am grateful a study is being done on this as it seems a mystery why this is happening all of a sudden with no change of chemicals, technique, or time line when embalmings are done soon after death (less than 5 hours).	12/21/2023 1:14 PM
12	As an autopsy tech conducting over 200 confirmed covid autopsys and thousands of non covid case autopsy cases I can tell you and attest that the blood that pools in the body cavity during evisceration would, within minutes, turn into one large clot that could be physically lifted out with my hands. This was never observed prior to the covid outbreak. Dozens of covid negative cases would present with the same clotting issues . Pathologist refused to even consider the vaccine status of any patient when questioned repeatedly by myself and a few others. The state owned medical center we were at required vaccines for employment. I am	12/20/2023 8:56 PM

USA DECEMBER 2023 EMBALMER BLOOD CLOT SURVEY

one of only a handful who received a religious exemption for the covid vaccine. Clotting in general among embalming cases. Is up at least 40% in the normal case volume currently among all the age groups I encounter. The fibrous rubber band like consistency seems to have declined somewhat in my recent cases.

13	I've noticed the clots have been more fleshy. I'm glad people are looking into this- I didn't realize it was a thing.	12/20/2023 7:16 PM
14	Just an overall increase in blood clotting, then ever before I've been in embalmer since 1995	12/20/2023 2:37 PM
15	We typically do a heart tap for drainage, so we aren't able to observe the clotting like we would if we were using open drainage out the jugular vein.	12/20/2023 12:45 PM
16	I rarely have a body without clotting nowadays. Most of the little ones are not embalmed, especially fetal demise. Just about every embalmer and funeral director I know is concerned about the clotting issues. They feel as though it is linked to the experimental vaccine that many of them took themselves.	12/19/2023 9:10 PM
17	I did not see any increase in the number of clotting incidences. I did not witness any white fibrous tissue in any of the bodies I embalmed in the past years.	12/19/2023 5:31 PM
18	Covid presented use with blood clots but the vaccine has given us the fibrous clots. Most are present when raising the jugular and carotid then we must work them out through the rest of the body.	12/19/2023 12:24 PM
19	Although I did not embalm many infants, I am aware of the 200-300 % increase in infant/still born/miscarriage type deaths and death certificates as informed by registrars.	12/16/2023 1:35 PM
20	I am a trade Embalmer	12/15/2023 4:58 PM
21	I have observed more "grape jelly" clotting in coronary deaths in age group 45-60. The "white fibrous" clots are more prevalent in chemotherapy deaths where the blood tends to be heavier. There is very little clotting of any sort in infants or those of younger age, natural causes. Overdose deaths may have "micro clotting" in non-autopsy cases.	12/15/2023 11:08 AM
22	I cannot speak on the infant deaths, as I have only done one or two in my career. But as far as the clotting issue, I have witness this clotting before and after COVID and I can't see an increase after COVID necessarily.	12/15/2023 10:02 AM
23	When I do get white fibrous clots, it's typically only 1 or 2 per body. I had no clue what they were and thought they were very strange looking. I typically have to use my forceps to pull the clot from the jugular vein so drainage can continue.	12/15/2023 10:01 AM
24	white fibrous structures/clots, about 8" to 12 " long. Looks and feels like silicone.	12/15/2023 9:11 AM
25	actually since co-vid (vaccine) i've seen much more of these i will call them unusual clots.	12/15/2023 6:47 AM
26	Also extra long clots. Didn't know what from?	12/15/2023 6:37 AM
27	Embalming has become much more difficult in cases where the blood has much more micro clotting & these white blood clots are appearing, some white clots are 4"- 10" long. Seems to be a quick onset of clotting or already clotting is present in the bloodstream. Most cases we receive are usually removed from the (hospital, nursing home, or residence) and embalmed within an hour or two from the time of death without refrigeration, but definitively more abnormalities are being seen in the blood during the embalming process.	12/14/2023 8:41 PM
28	Definitely alot more clots within the past couple years. I noticed this change within the past couple years.	12/14/2023 8:28 PM
29	More Clotting of all types of clots in the past several years.	12/14/2023 7:41 PM
30	I started seeing the fibrous structures in the Spring of 2021.	12/14/2023 7:03 PM
31	When I noticed the increased and/or heavy white clots, the family would usually inform me that the person had been at some point diagnosed with COVID-19 and usually had received the vaccine. These answers were disclosed voluntary by 90 percent of the families.	12/14/2023 6:52 PM
32	I have noticed no increase. I very much remember large whitish "fibrous" structures/clots since 1992 when I was in school. They actually had an example in a jar. Delayed embalming, cause of death, environment around body. varying chemicals and drainage methods makes way too many variations on observations. You must study these folks while they still have a pulse.	12/14/2023 6:47 PM

USA DECEMBER 2023 EMBALMER BLOOD CLOT SURVEY

33	I will keep a watch out for these kinds of clots alot more.	12/14/2023 4:15 PM
34	My only comment is that we saw an increase in infant deaths in 2020-2022. But we embalmed very few of them.	12/14/2023 4:09 PM
35	Very interesting topic. But I really didn't see this phenomenon in my area. And almost all of the fetal demises were cremated.	12/14/2023 3:34 PM
36	I have seen a great deal of these especially in older decedents. I spoke with an ER doctor who candidly told me that this is most likely due to COVID-19 vaccinations.	12/14/2023 3:32 PM
37	I found this survey difficult, especially when producing estimates. Next year I will be more mindful of clots, so I may be more accurate in my answers. The people who passed around their 50s and 60s this year tended to have more clots than the older people embalmed. Some had normal clotting, but there were cases with long white fibrous clots.	12/14/2023 3:32 PM
38	I have not noticed any increased clotting in deceased in 2023.	12/14/2023 2:46 PM
39	Larger and more frequent clotting of all types than previous years.	12/14/2023 2:37 PM
40	There is definitely an increase of white blood clots in the blood stream than there was pre-covid.	12/14/2023 2:16 PM
41	I have seen clots just like that one that is pictured. NOT normal at all.	12/14/2023 2:11 PM
42	As an embalmer for over 20 years, these types of clots have always existed. This topic is politically inclined in my opinion. COVID is real, the vaccine necessary. This all needs to stop.	12/14/2023 2:10 PM
43	I have observed a large increase in grape jelly clotting. Normally would only appear in delayed embalming is now seen within short time of death. Also have seen a large increase of clear yellowish fluid aspirated from thoracic cavity in 50% of cases.	12/14/2023 1:51 PM
44	None	12/14/2023 1:50 PM
45	Most have been as long as the image above, some with a traditional clot attached but mainly just the white, fibrous type clots. Most are long, straight and solid all around like a cylinder, others are more torn up like the image above. Also more clotting in general with COVID cases. Unsure if it is related to the white fibrous ones.	12/14/2023 1:49 PM
46	The clotting has been much more prevalent and distribution to the left side of the body has been much more difficult to the point where I am raising every left carotid and left brachial. Despite that I am preinjecting with Proflow. Have been having to hypo the legs as well in most cases.	12/14/2023 1:37 PM
47	I think the most of all the questions asked were the highest in 2020 to 2022. And all infant/miscarriages were 100% cremation. When any of these clots, they can appear in a decease that has been dead for 20min, which makes it so odd.	12/14/2023 1:34 PM
48	Able to provide photos if needed.	12/14/2023 1:33 PM
49	i would expand the age group in the last question up to 60 years of age. The clotting has been in the majority of that age group that has been notated.	12/14/2023 1:30 PM
50	I have observed this new change in the blood over the last few years. I does present new challenges in the embalming process.	12/14/2023 1:28 PM
51	I've only been an embalmer since 2021 but I have noticed clots are more prevalent in the ages of 50-70 year olds. Out of the approximately 160 calls we do in a year, most of the people are between 50 and 70 years old and are extremely clotty.	12/14/2023 1:17 PM
52	The tissue like substances were very fibrous. The blood clots that were attached to the structure seemed to be the source of its nutrients and what was allowing it to grow. Also, where the clots were attached seemed to be in a location of a newly developing extension/branch of the tissue.	12/8/2023 1:58 PM
53	My own mother in law had what looked like all slugs/jelly and barely any liquid blood. Never saw that in my career.	12/8/2023 11:06 AM