

ACL Study Group Biennial Survey- St. Kitts 2023

Tuesday, January 24, 2023

112

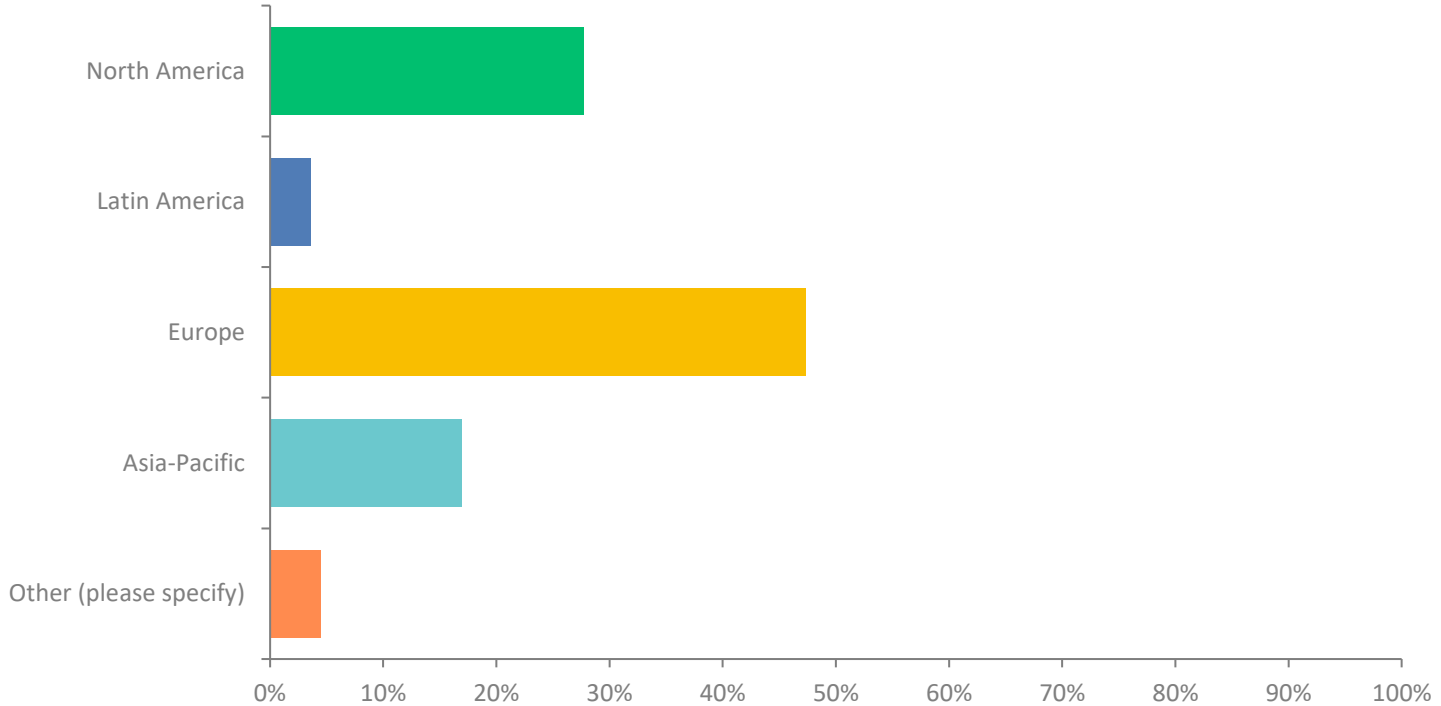
Total Responses

Date Created: Monday, December 12, 2022

Complete Responses: 112

Q1: Where do you practice?

Answered: 112 Skipped: 0



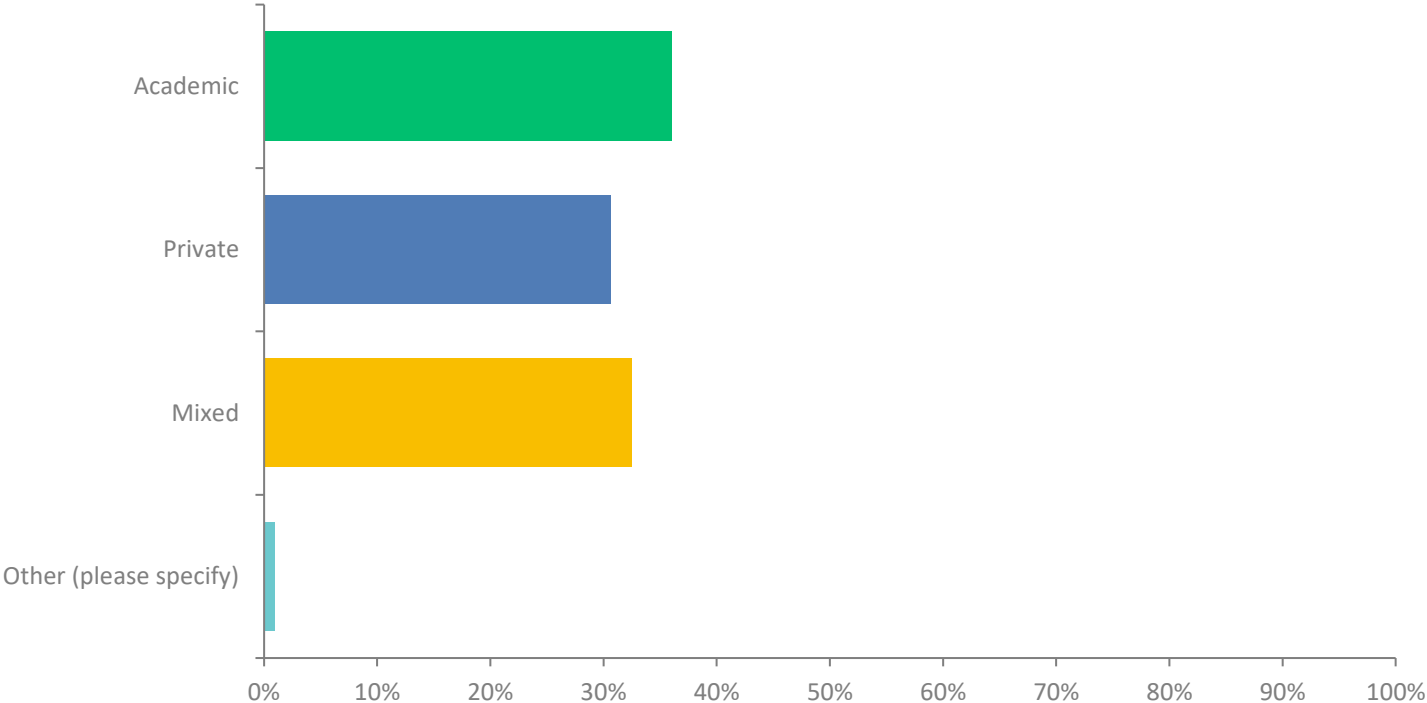
Q1: Where do you practice?

Answered: 112 Skipped: 0

ANSWER CHOICES	RESPONSES	
North America	27.68%	31
Latin America	3.57%	4
Europe	47.32%	53
Asia-Pacific	16.96%	19
Other (please specify)	4.46%	5
TOTAL		112

Q2: What type of practice?

Answered: 111 Skipped: 1



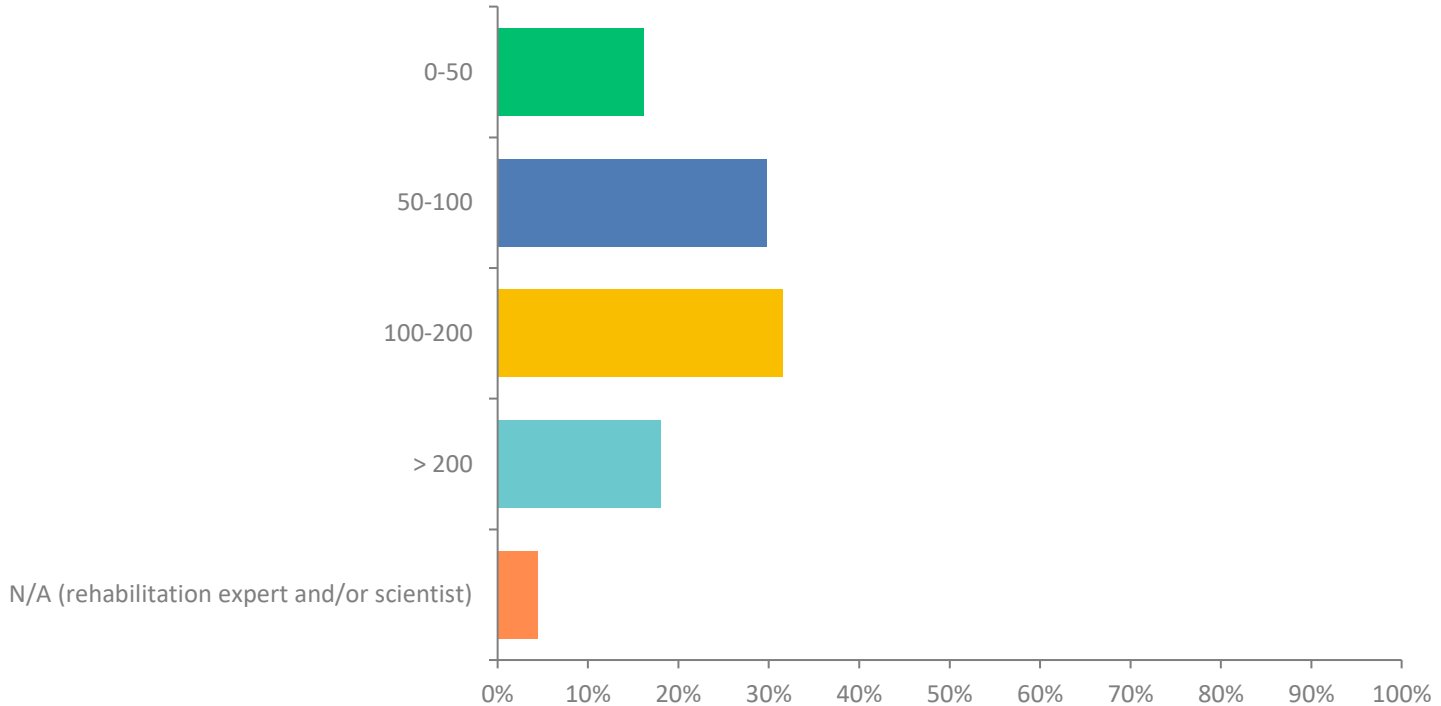
Q2: What type of practice?

Answered: 111 Skipped: 1

ANSWER CHOICES	RESPONSES	
Academic	36.04%	40
Private	30.63%	34
Mixed	32.43%	36
Other (please specify)	0.90%	1
TOTAL		111

Q3: Approximately how many ACL surgeries do you perform per year?

Answered: 111 Skipped: 1



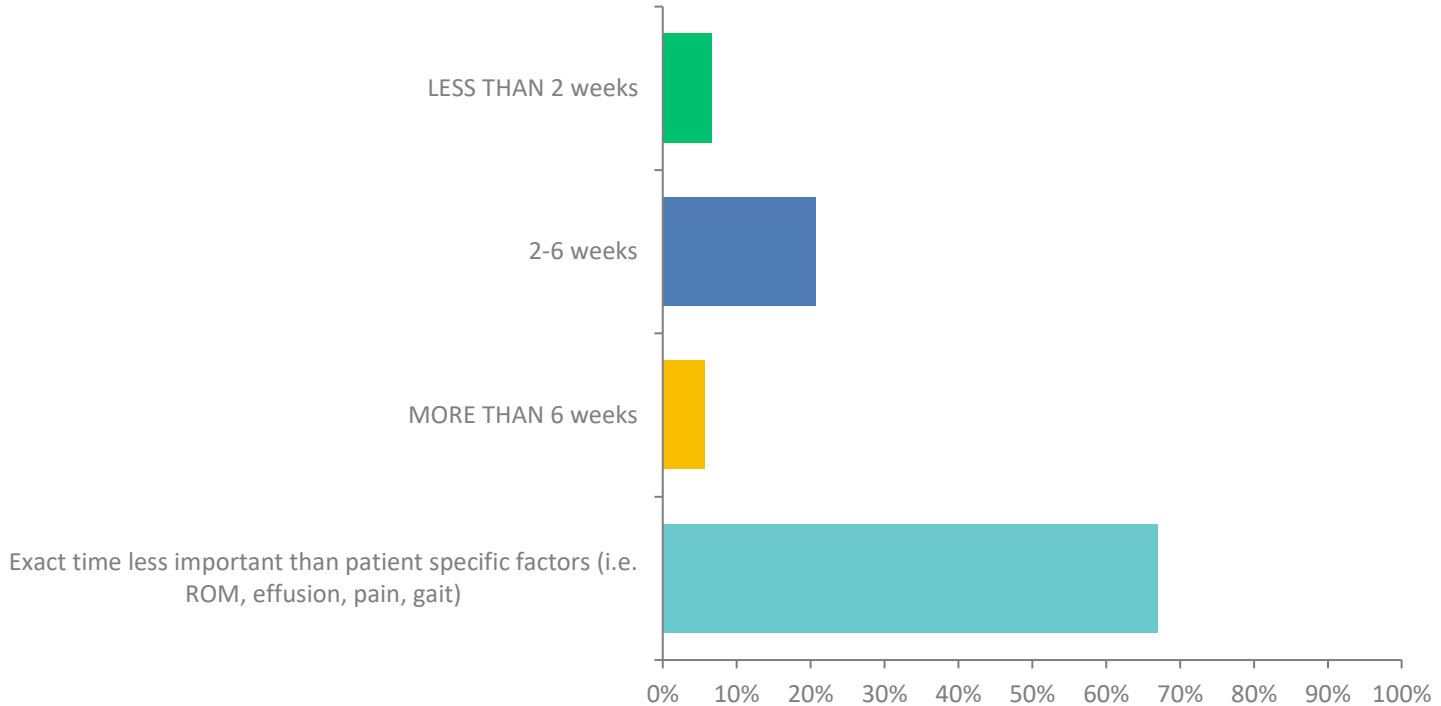
Q3: Approximately how many ACL surgeries do you perform per year?

Answered: 111 Skipped: 1

ANSWER CHOICES	RESPONSES	
0-50	16.22%	18
50-100	29.73%	33
100-200	31.53%	35
> 200	18.02%	20
N/A (rehabilitation expert and/or scientist)	4.50%	5
TOTAL		111

Q5: When do you prefer to operate after an ACL injury?

Answered: 106 Skipped: 6



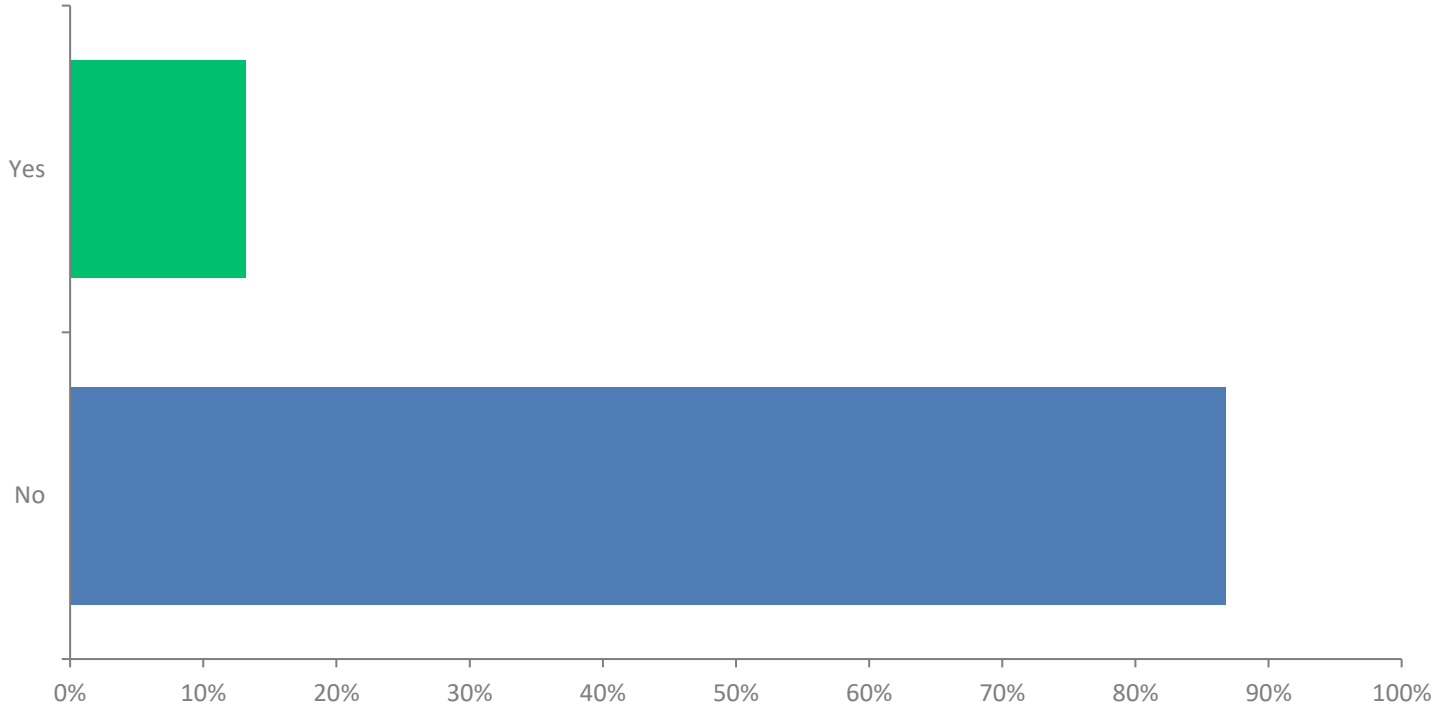
Q5: When do you prefer to operate after an ACL injury?

Answered: 106 Skipped: 6

ANSWER CHOICES	RESPONSES	
LESS THAN 2 weeks	6.60%	7
2-6 weeks	20.75%	22
MORE THAN 6 weeks	5.66%	6
Exact time less important than patient specific factors (i.e. ROM, effusion, pain, gait)	66.98%	71
TOTAL		106

Q6: Do you recommend routine aspiration of knee hemarthrosis within the first few days of ACL injury?

Answered: 106 Skipped: 6



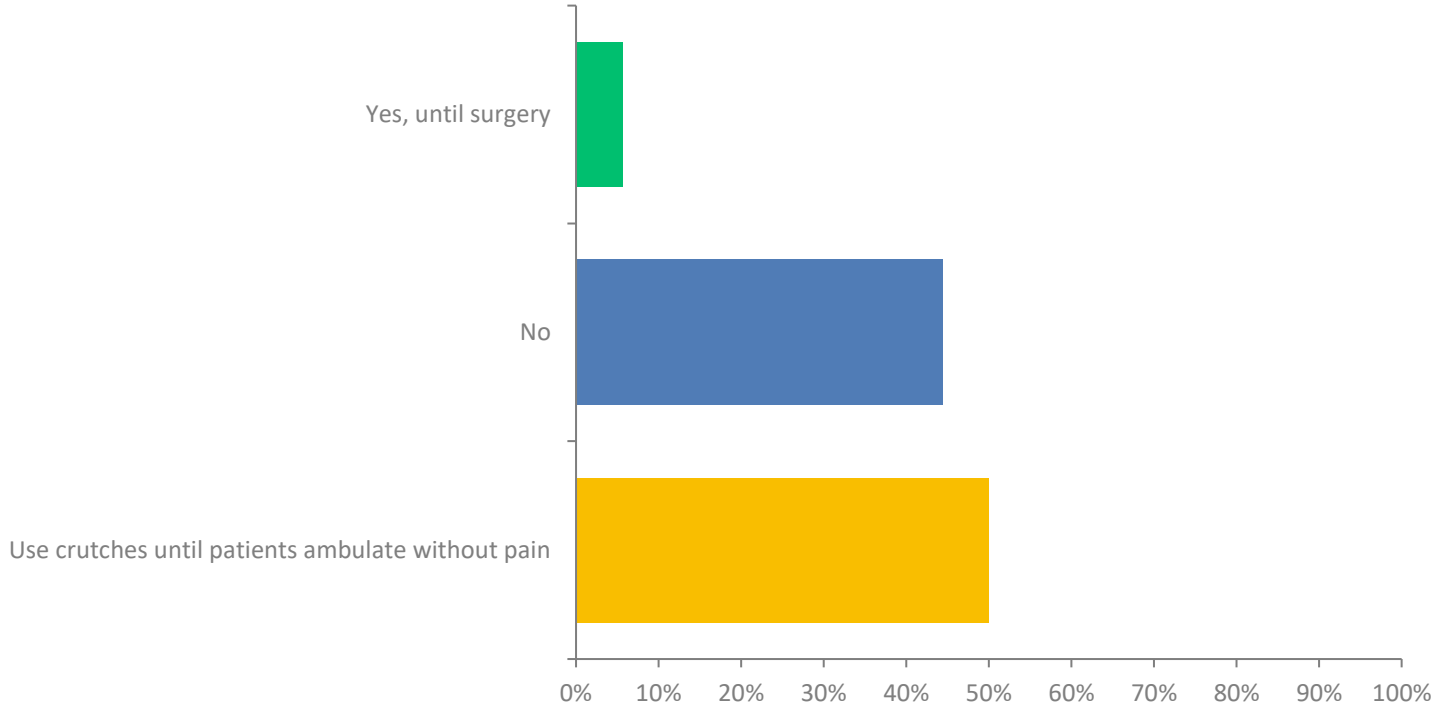
Q6: Do you recommend routine aspiration of knee hemarthrosis within the first few days of ACL injury?

Answered: 106 Skipped: 6

ANSWER CHOICES	RESPONSES	
Yes	13.21%	14
No	86.79%	92
TOTAL		106

Q7: Do you limit weight bearing using crutches prior to ACL surgery?

Answered: 106 Skipped: 6



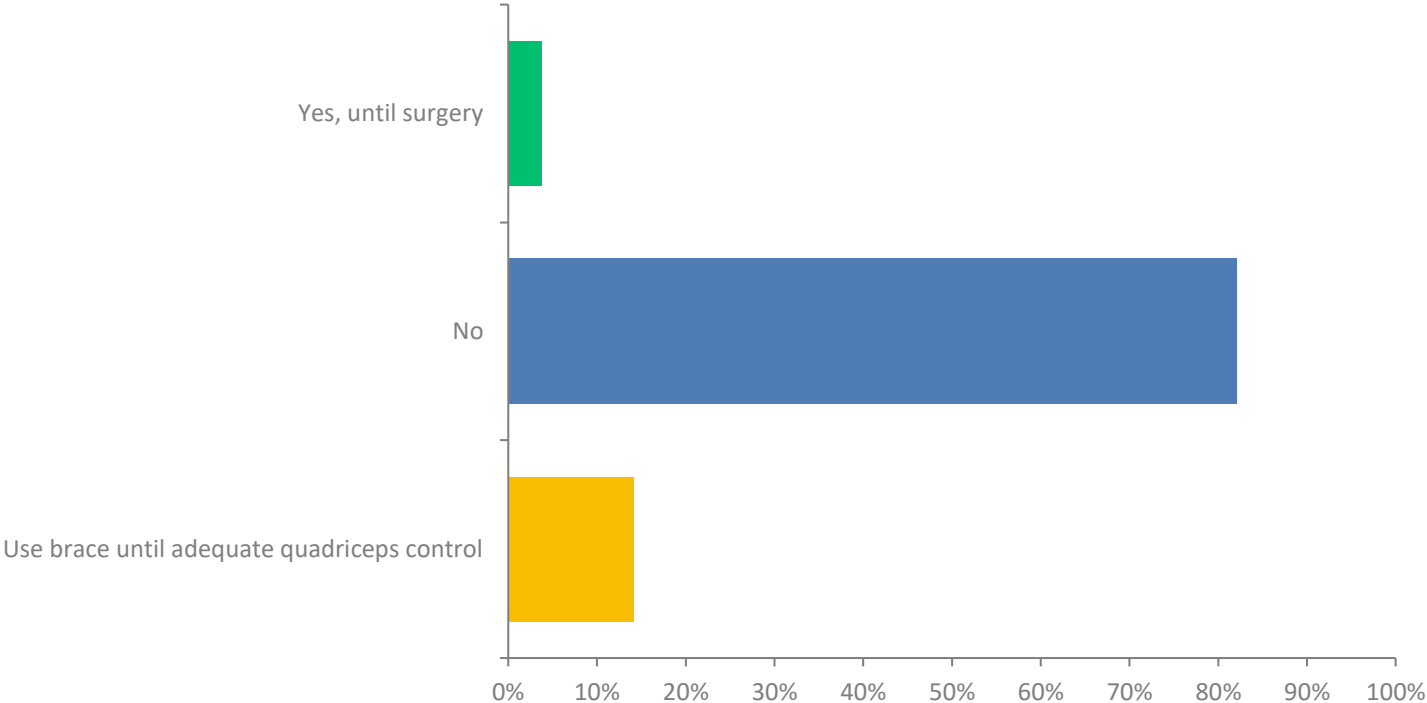
Q7: Do you limit weight bearing using crutches prior to ACL surgery?

Answered: 106 Skipped: 6

ANSWER CHOICES	RESPONSES	
Yes, until surgery	5.66%	6
No	44.34%	47
Use crutches until patients ambulate without pain	50.0%	53
TOTAL		106

Q8: Do you routinely use pre-operative bracing prior to ACL surgery?

Answered: 106 Skipped: 6



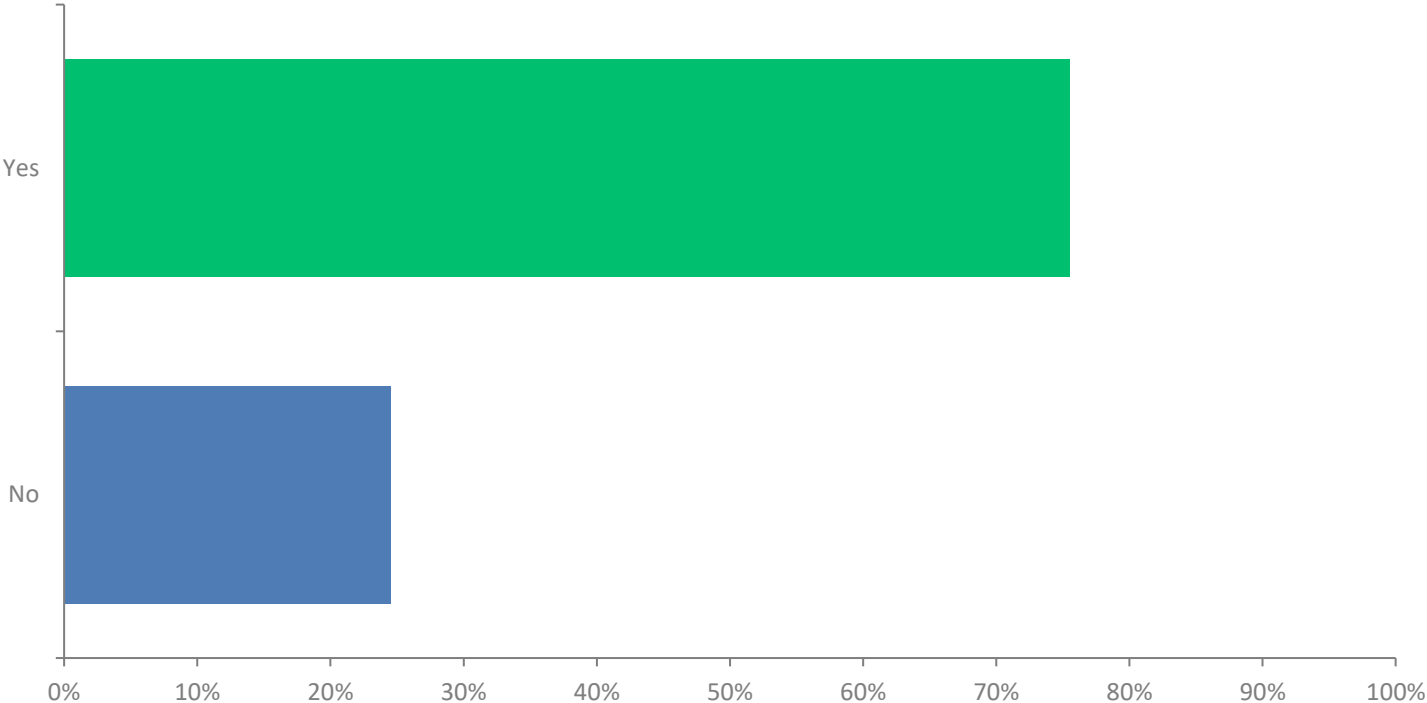
Q8: Do you routinely use pre-operative bracing prior to ACL surgery?

Answered: 106 Skipped: 6

ANSWER CHOICES	RESPONSES	
Yes, until surgery	3.77%	4
No	82.08%	87
Use brace until adequate quadriceps control	14.15%	15
TOTAL		106

Q9: Do you routinely obtain X-rays prior to ACL surgery?

Answered: 106 Skipped: 6



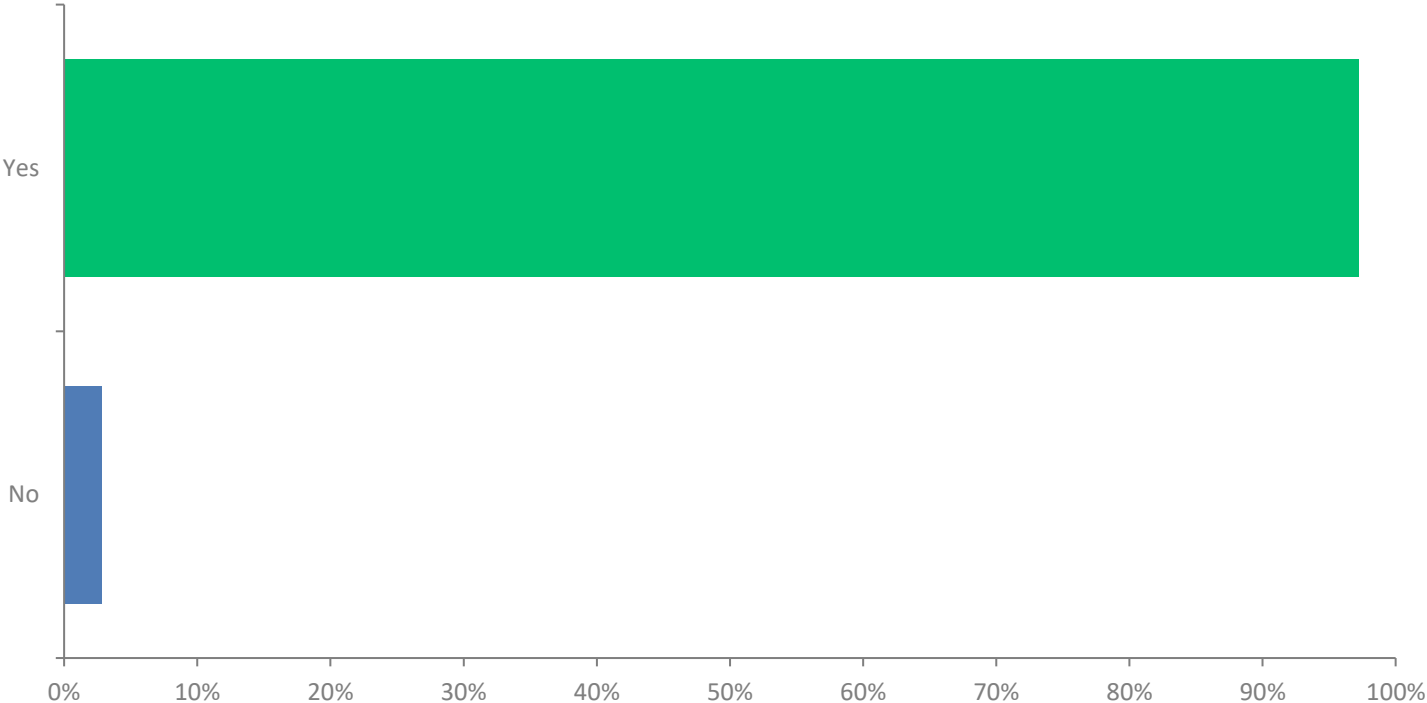
Q9: Do you routinely obtain X-rays prior to ACL surgery?

Answered: 106 Skipped: 6

ANSWER CHOICES	RESPONSES	
Yes	75.47%	80
No	24.53%	26
TOTAL		106

Q10: Do you routinely obtain an MRI prior to ACL surgery?

Answered: 106 Skipped: 6



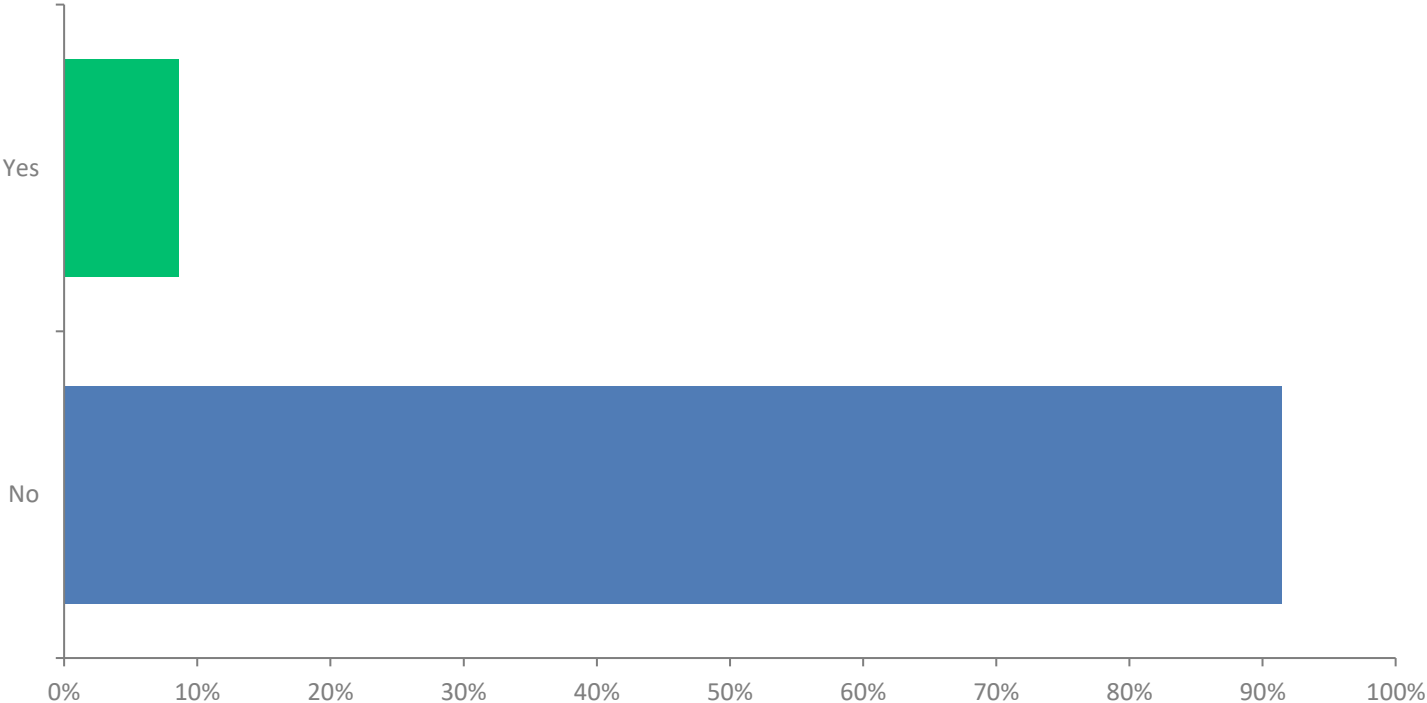
Q10: Do you routinely obtain an MRI prior to ACL surgery?

Answered: 106 Skipped: 6

ANSWER CHOICES	RESPONSES	
Yes	97.17%	103
No	2.83%	3
TOTAL		106

Q11: Do you routinely obtain other imaging prior to ACL surgery?

Answered: 105 Skipped: 7



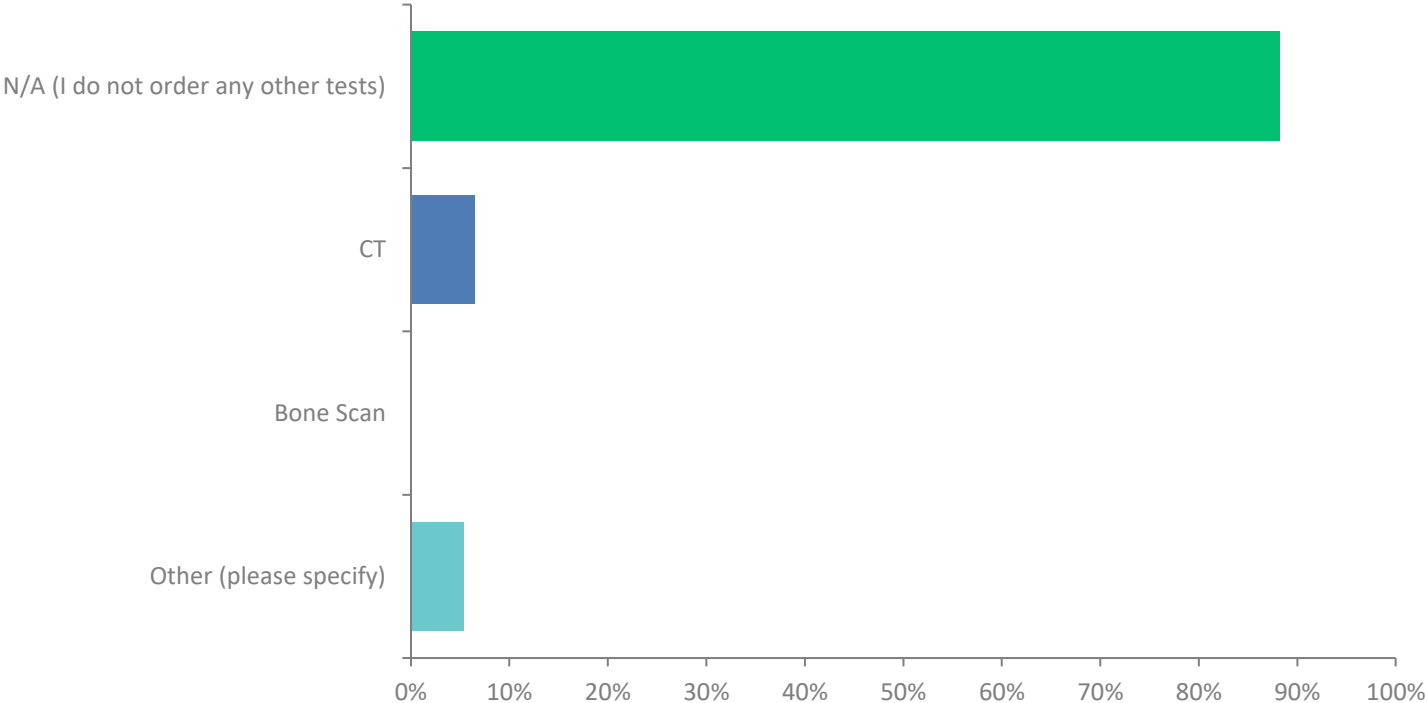
Q11: Do you routinely obtain other imaging prior to ACL surgery?

Answered: 105 Skipped: 7

ANSWER CHOICES	RESPONSES	
Yes	8.57%	9
No	91.43%	96
TOTAL		105

Q12: What other imaging do you routinely obtain?

Answered: 93 Skipped: 19



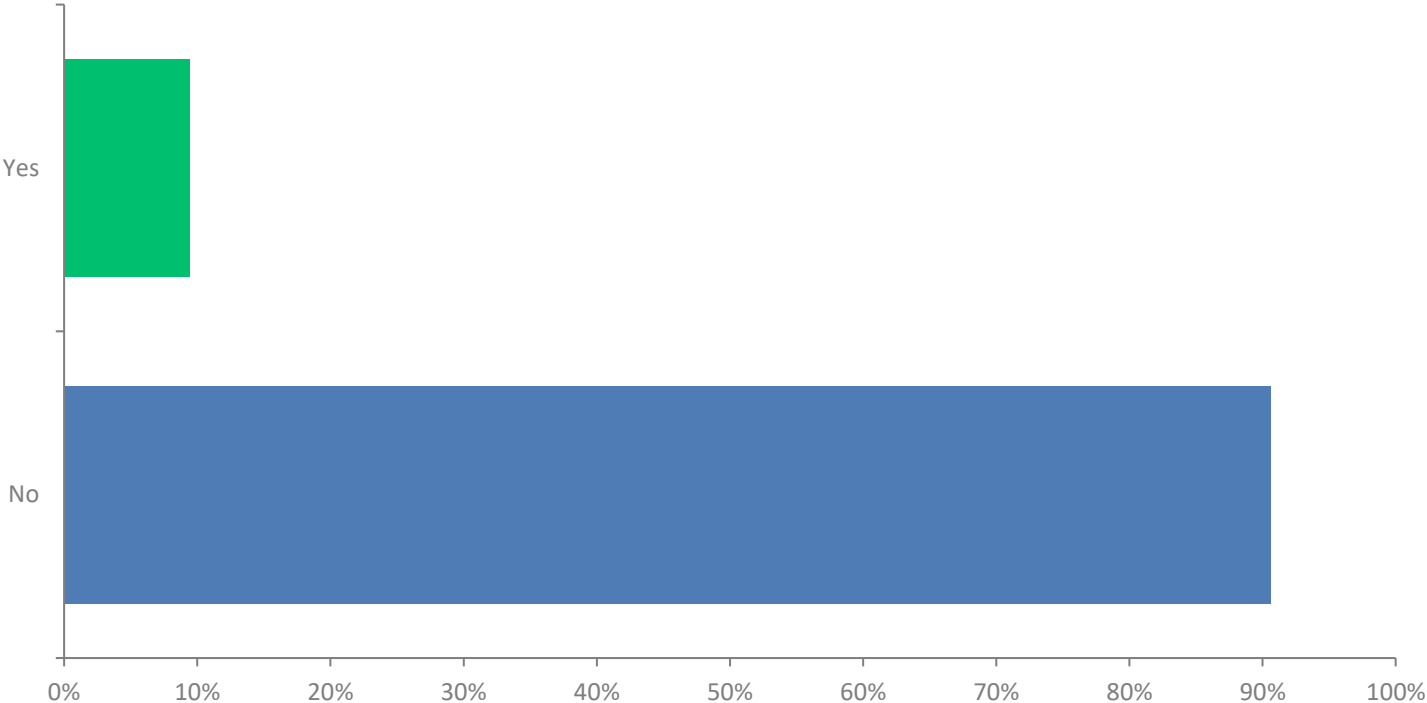
Q12: What other imaging do you routinely obtain?

Answered: 93 Skipped: 19

ANSWER CHOICES	RESPONSES	
N/A (I do not order any other tests)	88.17%	82
CT	6.45%	6
Bone Scan	0%	0
Other (please specify)	5.38%	5
TOTAL		93

Q13: Do you have an upper age limit on patients that you will perform an ACL surgery?

Answered: 106 Skipped: 6



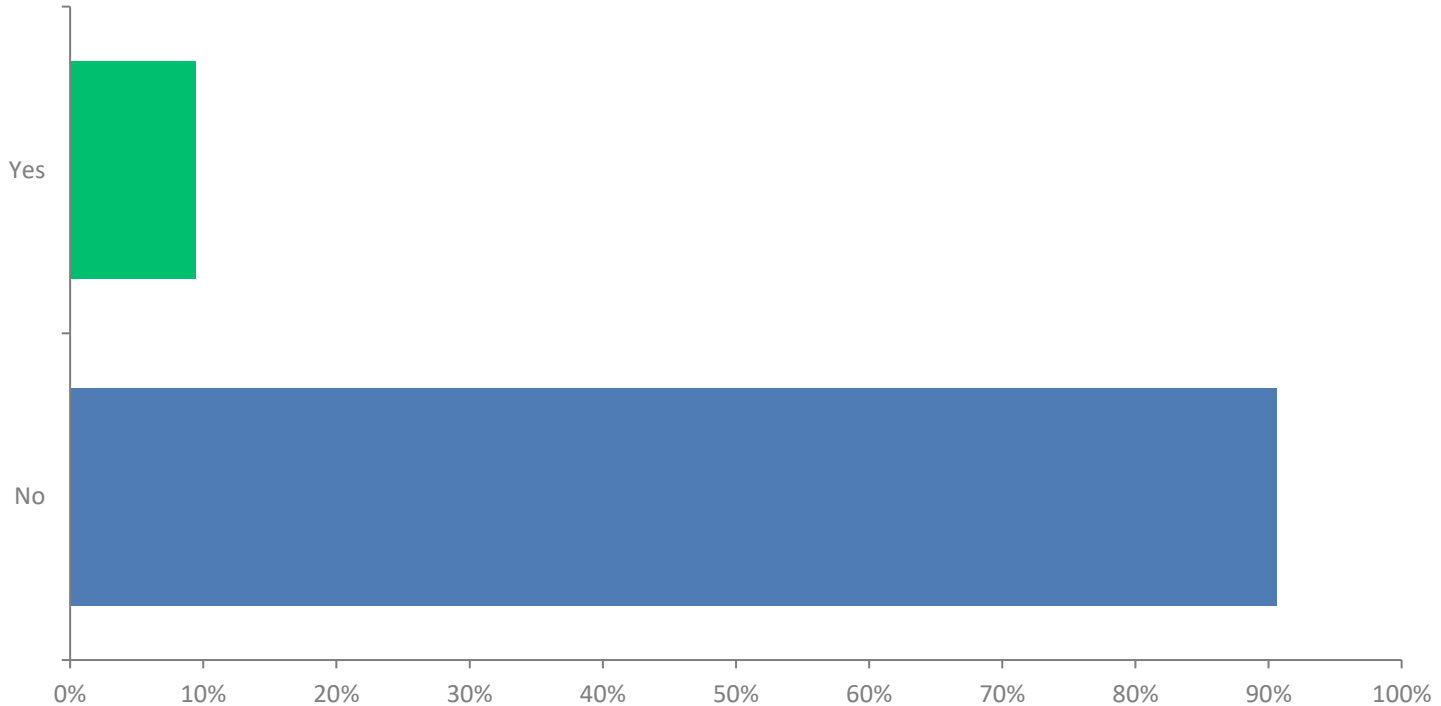
Q13: Do you have an upper age limit on patients that you will perform an ACL surgery?

Answered: 106 Skipped: 6

ANSWER CHOICES	RESPONSES	
Yes	9.43%	10
No	90.57%	96
TOTAL		106

Q14: Is there a role for non-operative treatment of ACL injuries in higher level athletes (Tegner 8-10; i.e. basketball, soccer, football)?

Answered: 106 Skipped: 6



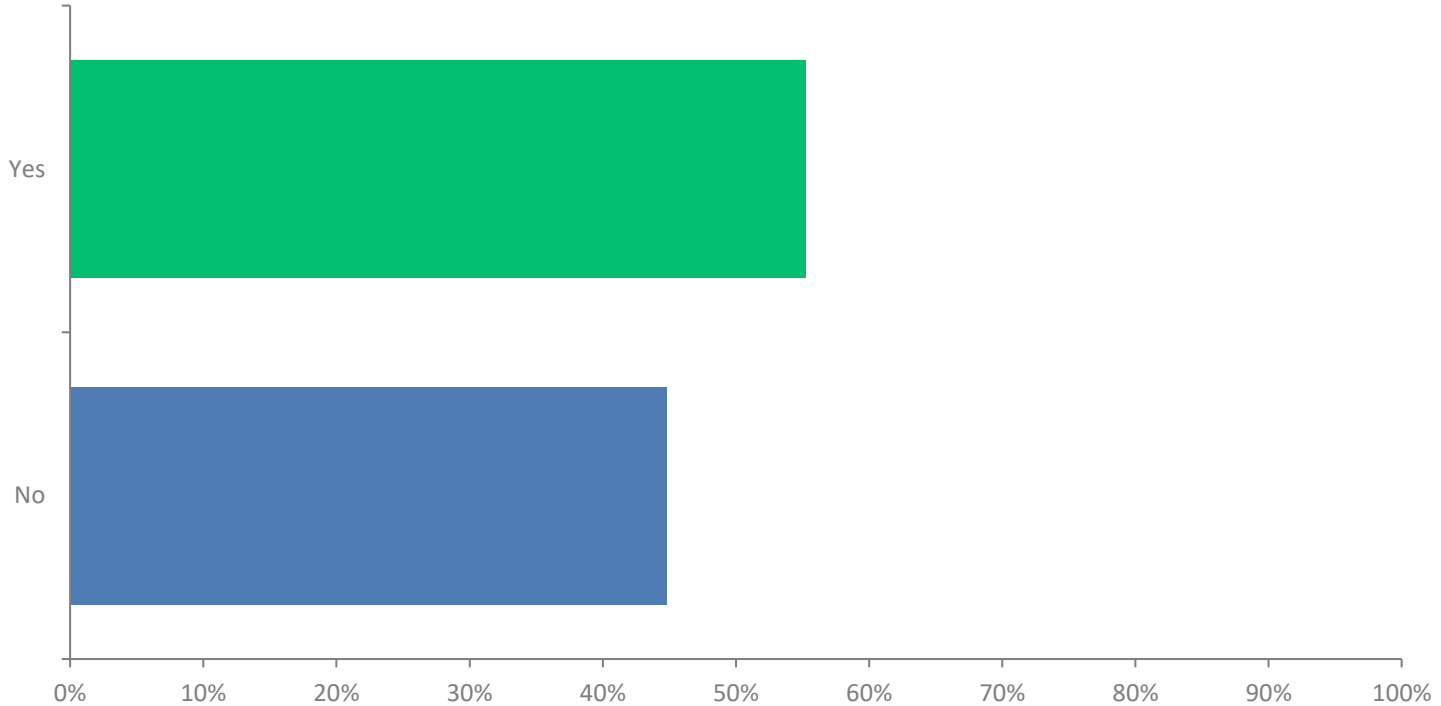
Q14: Is there a role for non-operative treatment of ACL injuries in higher level athletes (Tegner 8-10; i.e. basketball, soccer, football)?

Answered: 106 Skipped: 6

ANSWER CHOICES	RESPONSES	
Yes	9.43%	10
No	90.57%	96
TOTAL		106

moderate level athletes (Tegner 6-7; i.e. racquet sports, recreational skiing)?

Answered: 105 Skipped: 7



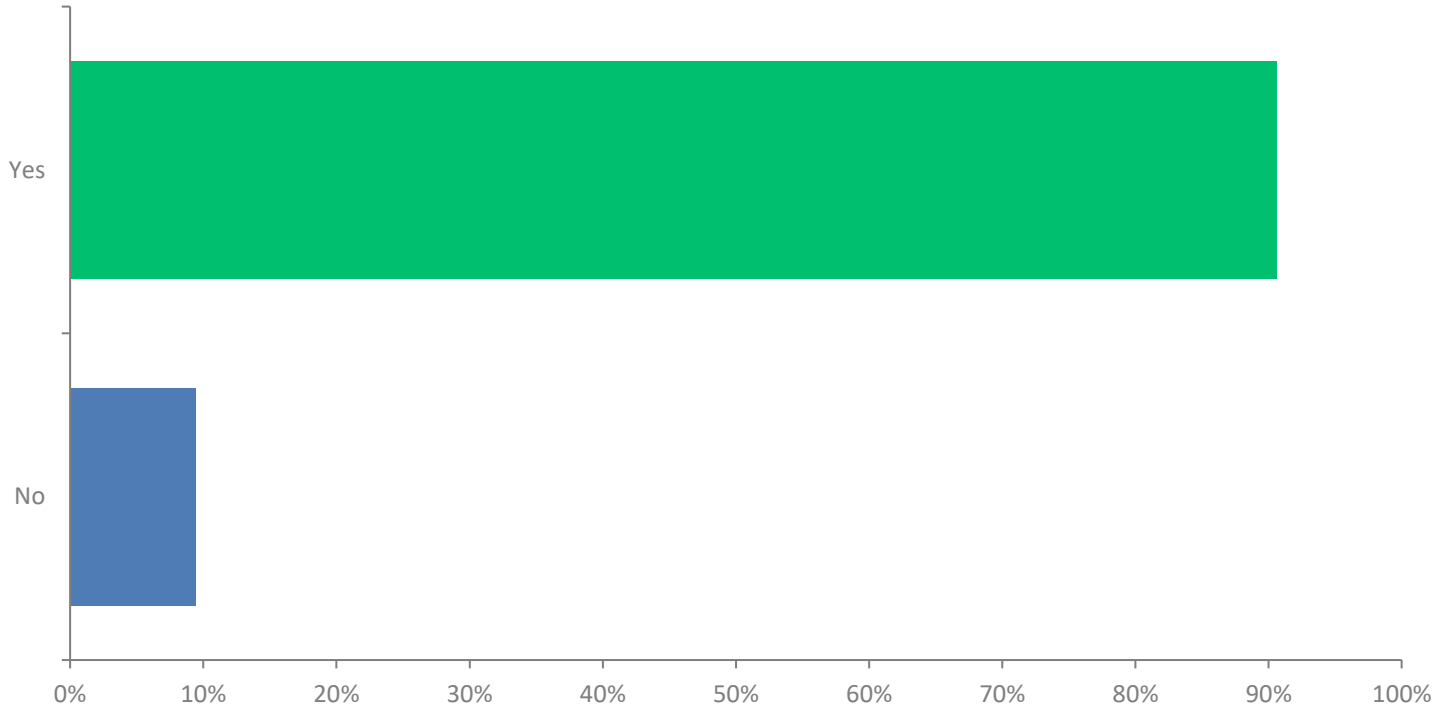
moderate level athletes (Tegner 6-7; i.e. racquet sports, recreational skiing)?

Answered: 105 Skipped: 7

ANSWER CHOICES	RESPONSES	
Yes	55.24%	58
No	44.76%	47
TOTAL		105

Q16: Is there a role for non-operative treatment of ACL injuries in low impact athletes (Tegner 3-5; i.e. bikers, joggers, swimmers)?

Answered: 106 Skipped: 6



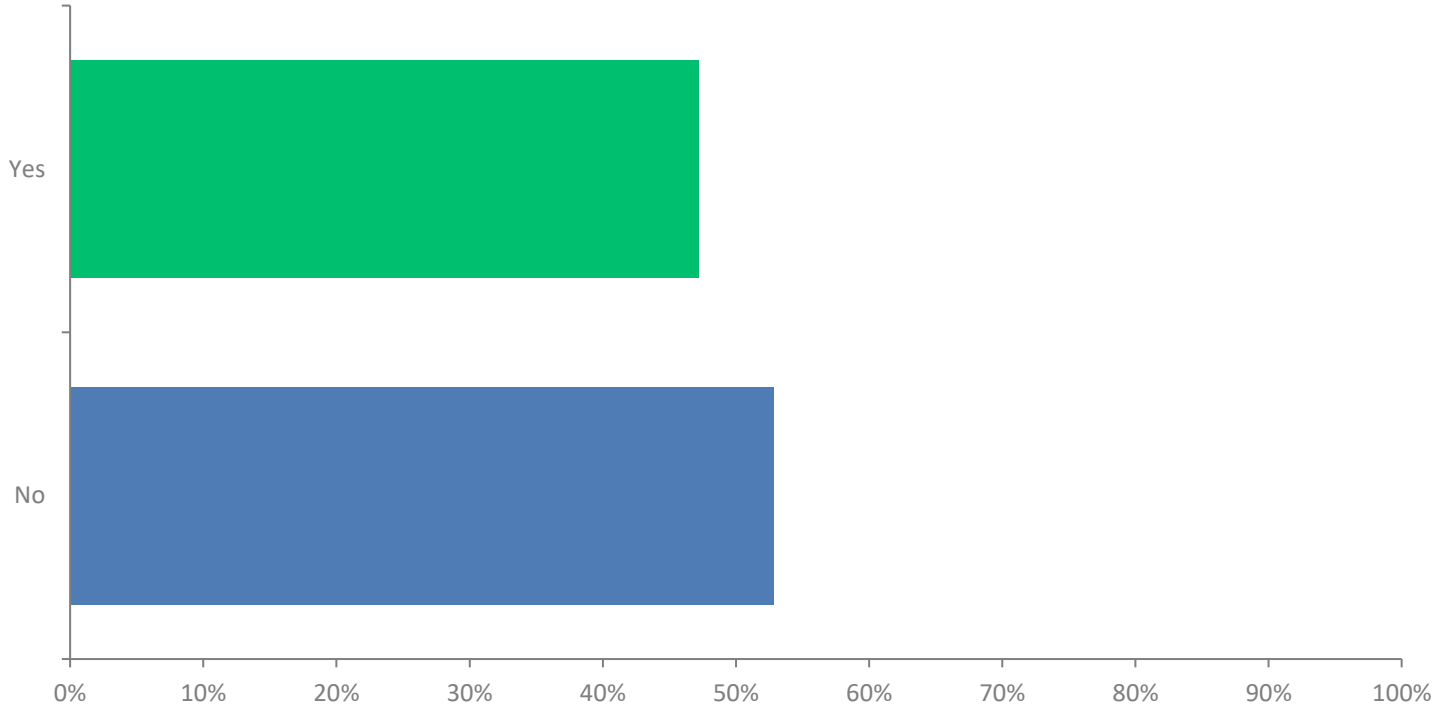
Q16: Is there a role for non-operative treatment of ACL injuries in low impact athletes (Tegner 3-5; i.e. bikers, joggers, swimmers)?

Answered: 106 Skipped: 6

ANSWER CHOICES	RESPONSES	
Yes	90.57%	96
No	9.43%	10
TOTAL		106

Q17: Is there a role for primary repair of the ACL?

Answered: 106 Skipped: 6



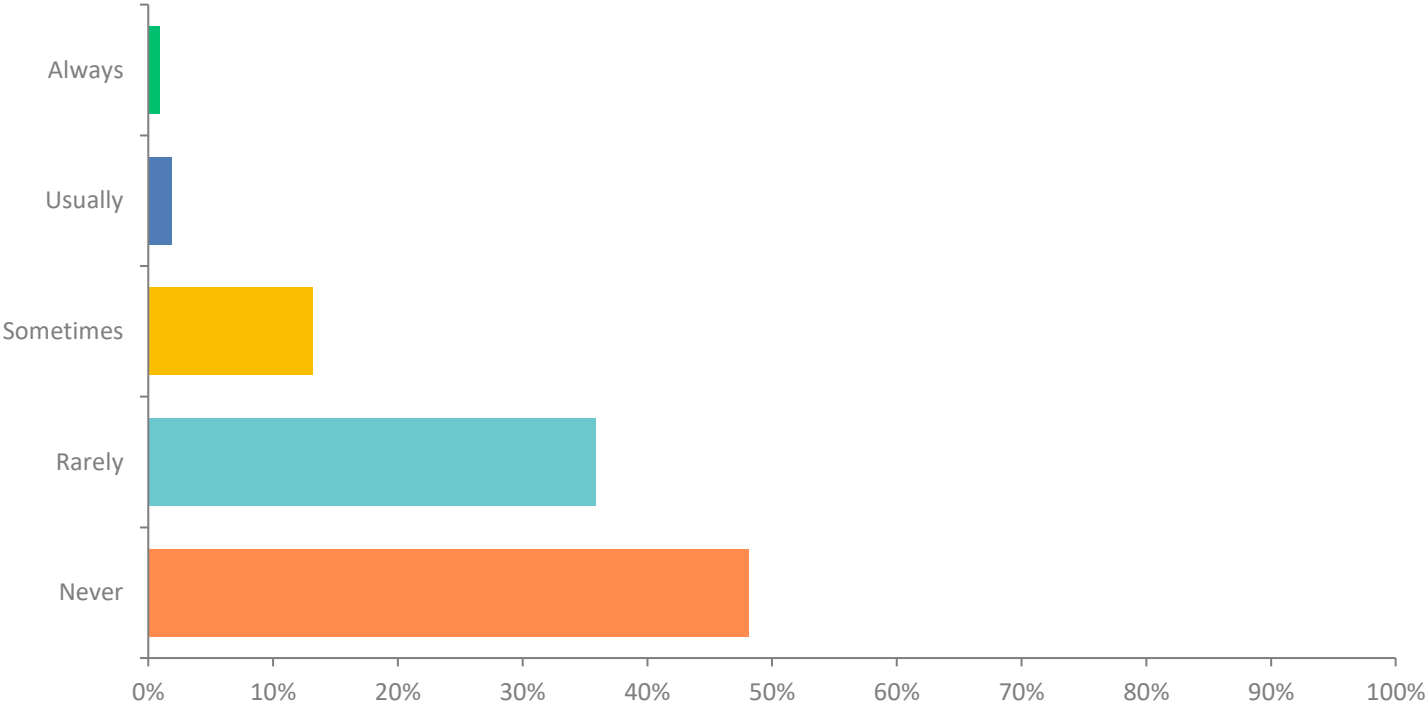
Q17: Is there a role for primary repair of the ACL?

Answered: 106 Skipped: 6

ANSWER CHOICES	RESPONSES	
Yes	47.17%	50
No	52.83%	56
TOTAL		106

Q18: How often do you perform ACL repair in your practice?

Answered: 106 Skipped: 6



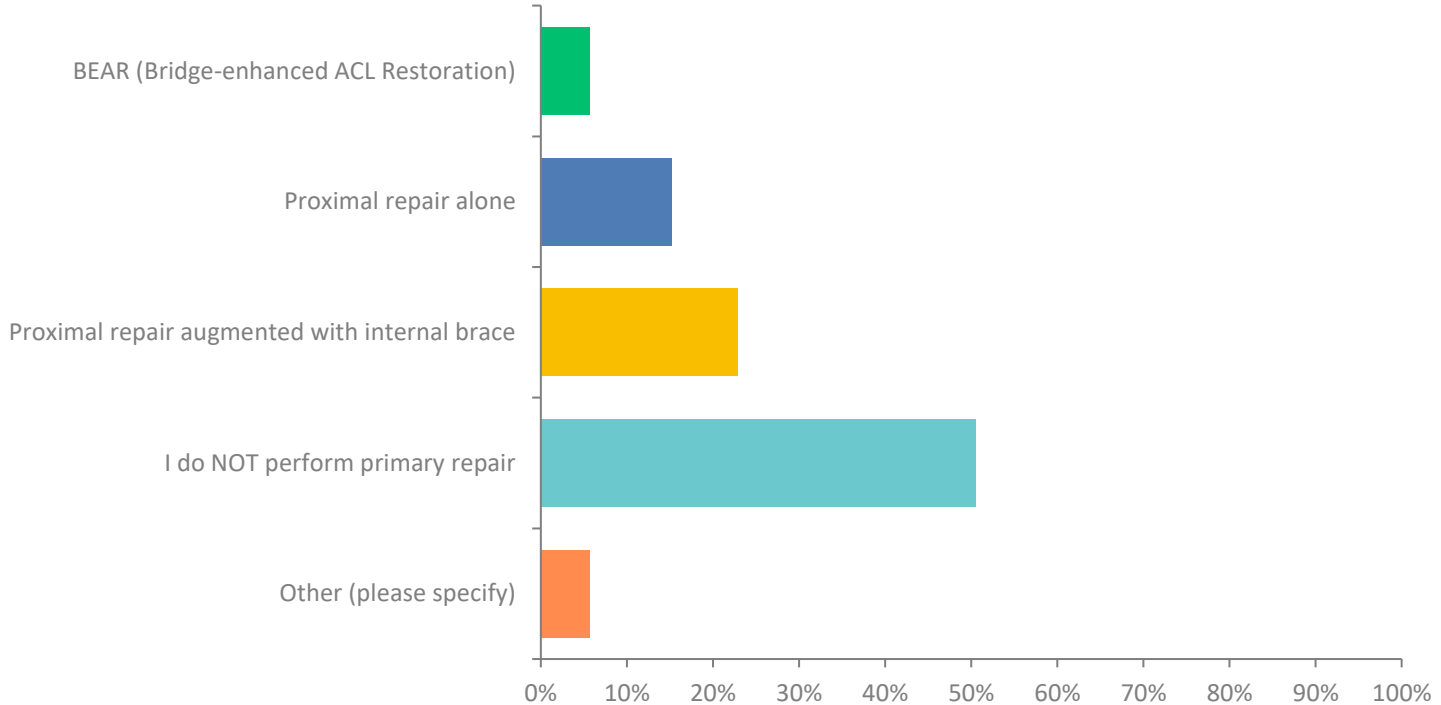
Q18: How often do you perform ACL repair in your practice?

Answered: 106 Skipped: 6

ANSWER CHOICES	RESPONSES	
Always	0.94%	1
Usually	1.89%	2
Sometimes	13.21%	14
Rarely	35.85%	38
Never	48.11%	51
TOTAL		106

Q19: Please select the primary repair technique that you most often utilize in your practice:

Answered: 105 Skipped: 7



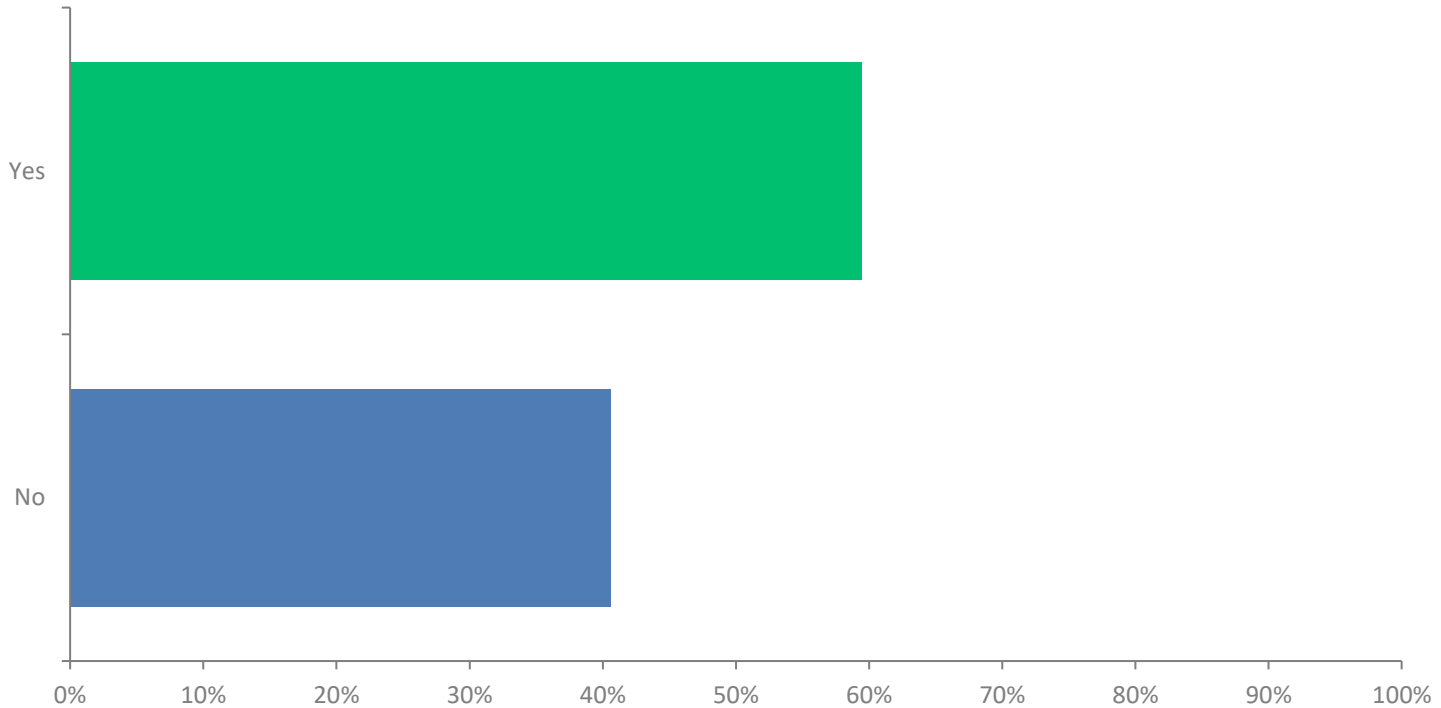
Q19: Please select the primary repair technique that you most often utilize in your practice:

Answered: 105 Skipped: 7

ANSWER CHOICES	RESPONSES	
BEAR (Bridge-enhanced ACL Restoration)	5.71%	6
Proximal repair alone	15.24%	16
Proximal repair augmented with internal brace	22.86%	24
I do NOT perform primary repair	50.48%	53
Other (please specify)	5.71%	6
TOTAL		105

Q20: Is there a role for partial bundle reconstruction (i.e. isolated AM or PL bundle) of the ACL?

Answered: 106 Skipped: 6



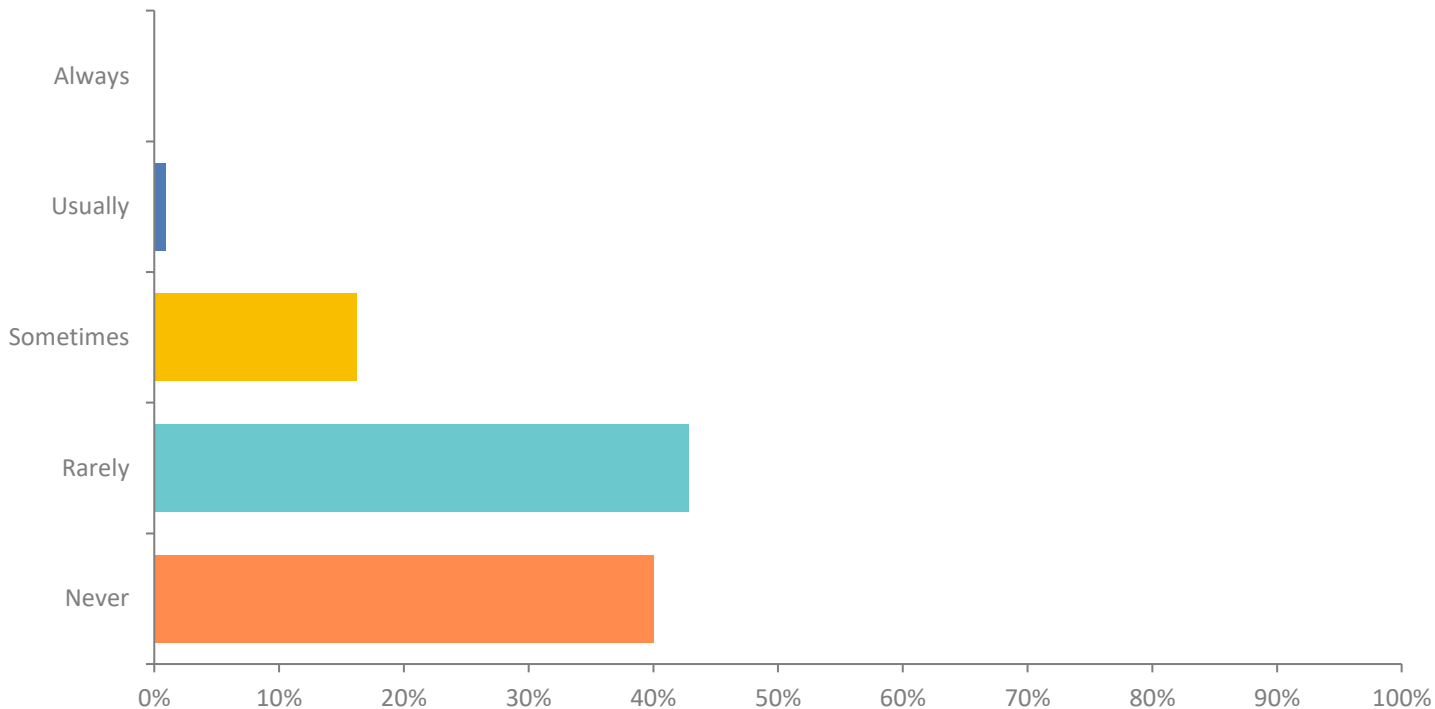
Q20: Is there a role for partial bundle reconstruction (i.e. isolated AM or PL bundle) of the ACL?

Answered: 106 Skipped: 6

ANSWER CHOICES	RESPONSES	
Yes	59.43%	63
No	40.57%	43
TOTAL		106

Q21: How often do you perform partial bundle reconstruction (i.e. isolated AM or PL bundle) in your practice?

Answered: 105 Skipped: 7



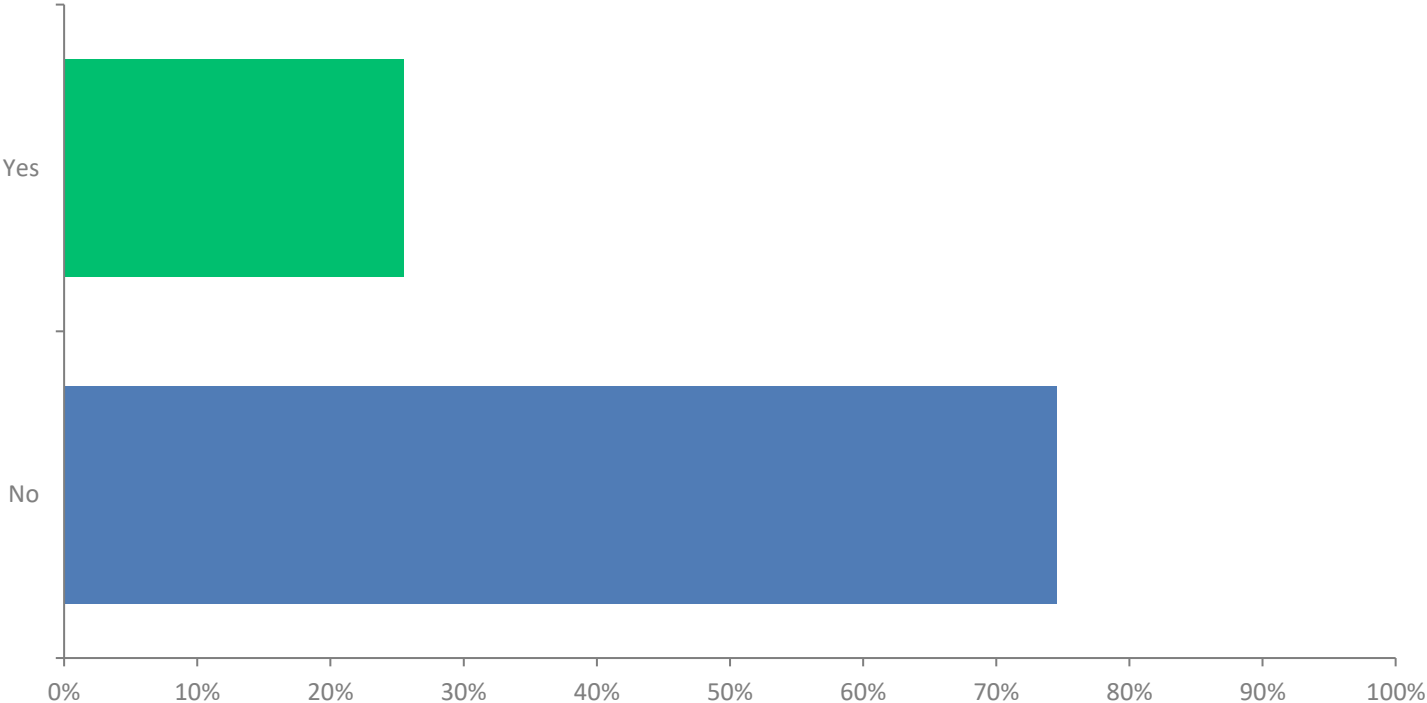
Q21: How often do you perform partial bundle reconstruction (i.e. isolated AM or PL bundle) in your practice?

Answered: 105 Skipped: 7

ANSWER CHOICES	RESPONSES	
Always	0%	0
Usually	0.95%	1
Sometimes	16.19%	17
Rarely	42.86%	45
Never	40.0%	42
TOTAL		105

Q22: Is there a role for internal bracing in ACL reconstruction?

Answered: 106 Skipped: 6



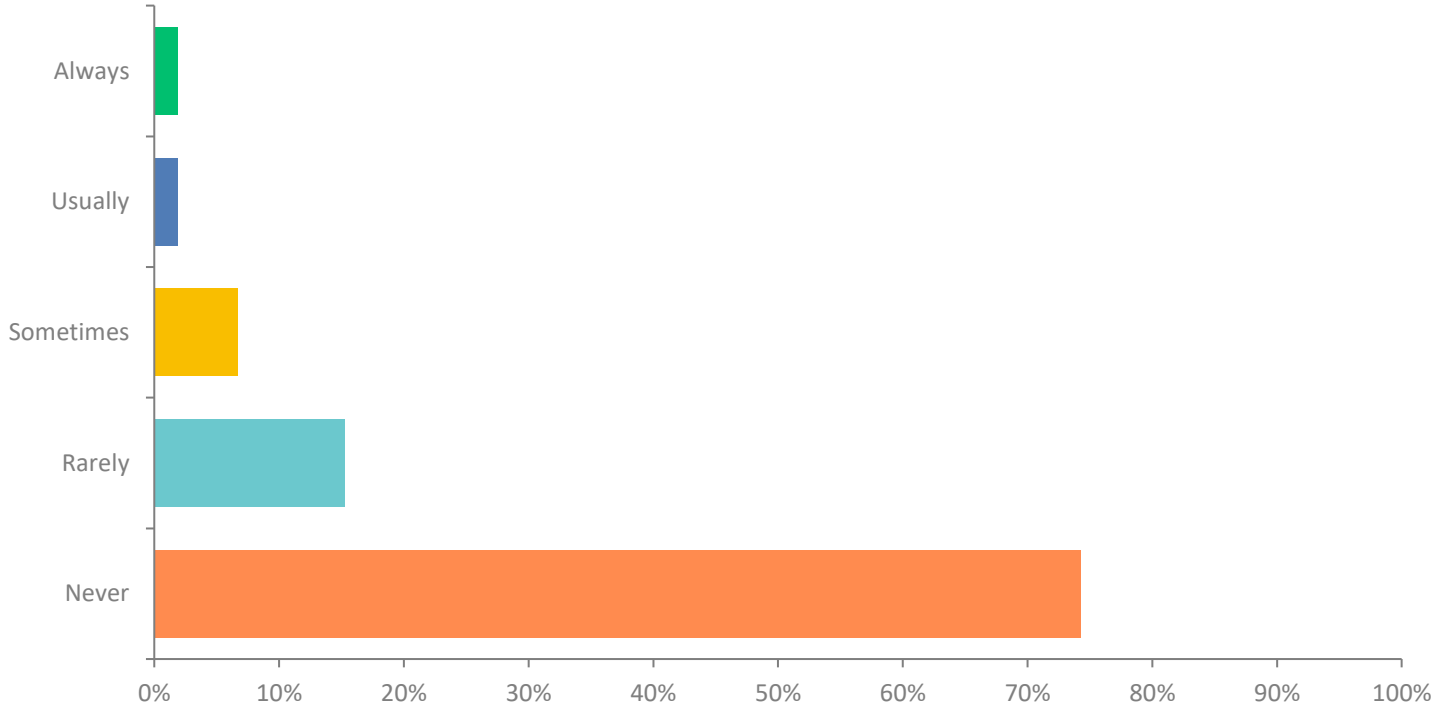
Q22: Is there a role for internal bracing in ACL reconstruction?

Answered: 106 Skipped: 6

ANSWER CHOICES	RESPONSES	
Yes	25.47%	27
No	74.53%	79
TOTAL		106

Q23: How often do you perform internal bracing for ACL reconstruction in your practice?

Answered: 105 Skipped: 7



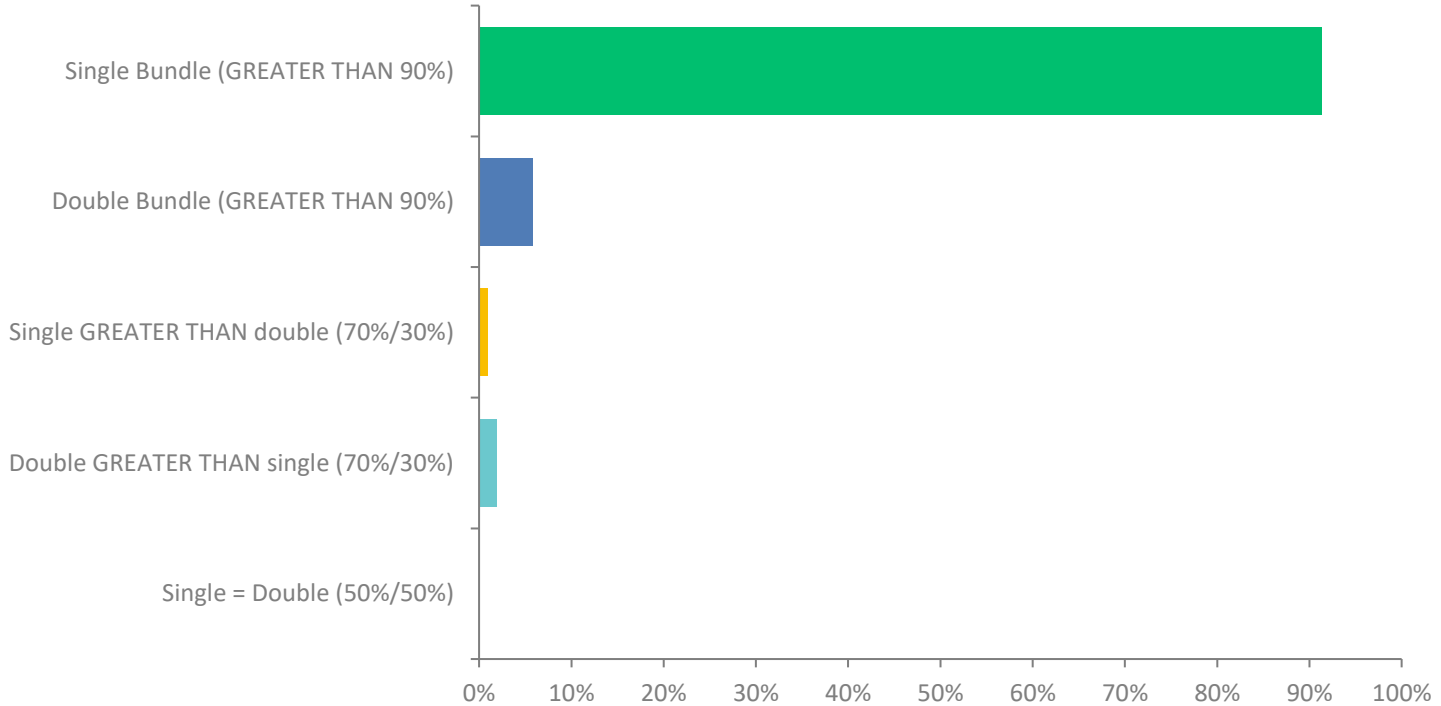
Q23: How often do you perform internal bracing for ACL reconstruction in your practice?

Answered: 105 Skipped: 7

ANSWER CHOICES	RESPONSES	
Always	1.90%	2
Usually	1.90%	2
Sometimes	6.67%	7
Rarely	15.24%	16
Never	74.29%	78
TOTAL		105

Q24: For primary ACL reconstruction, what type of surgery do you routinely perform?

Answered: 104 Skipped: 8



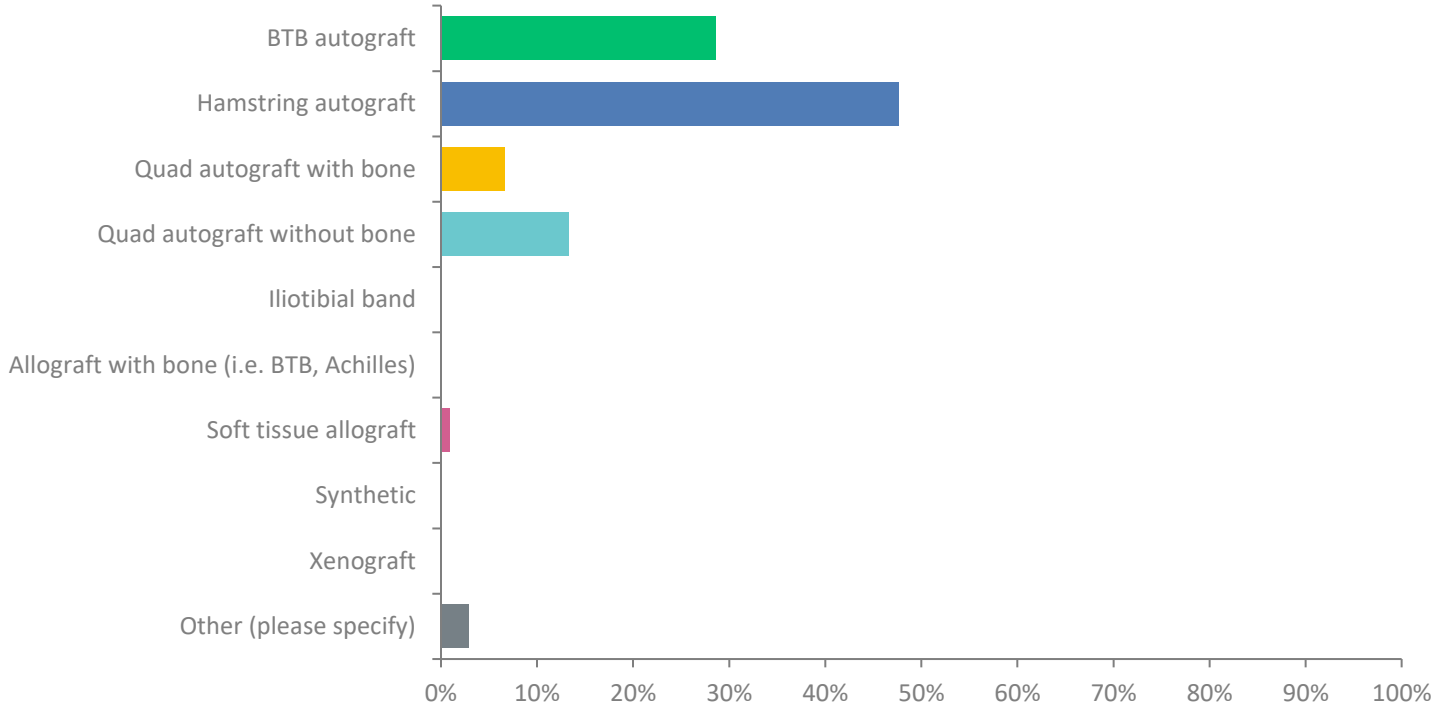
Q24: For primary ACL reconstruction, what type of surgery do you routinely perform?

Answered: 104 Skipped: 8

ANSWER CHOICES	RESPONSES	
Single Bundle (GREATER THAN 90%)	91.35%	95
Double Bundle (GREATER THAN 90%)	5.77%	6
Single GREATER THAN double (70%/30%)	0.96%	1
Double GREATER THAN single (70%/30%)	1.92%	2
Single = Double (50%/50%)	0%	0
TOTAL		104

Q25: What is your most common graft choice for primary ACL reconstruction?

Answered: 105 Skipped: 7



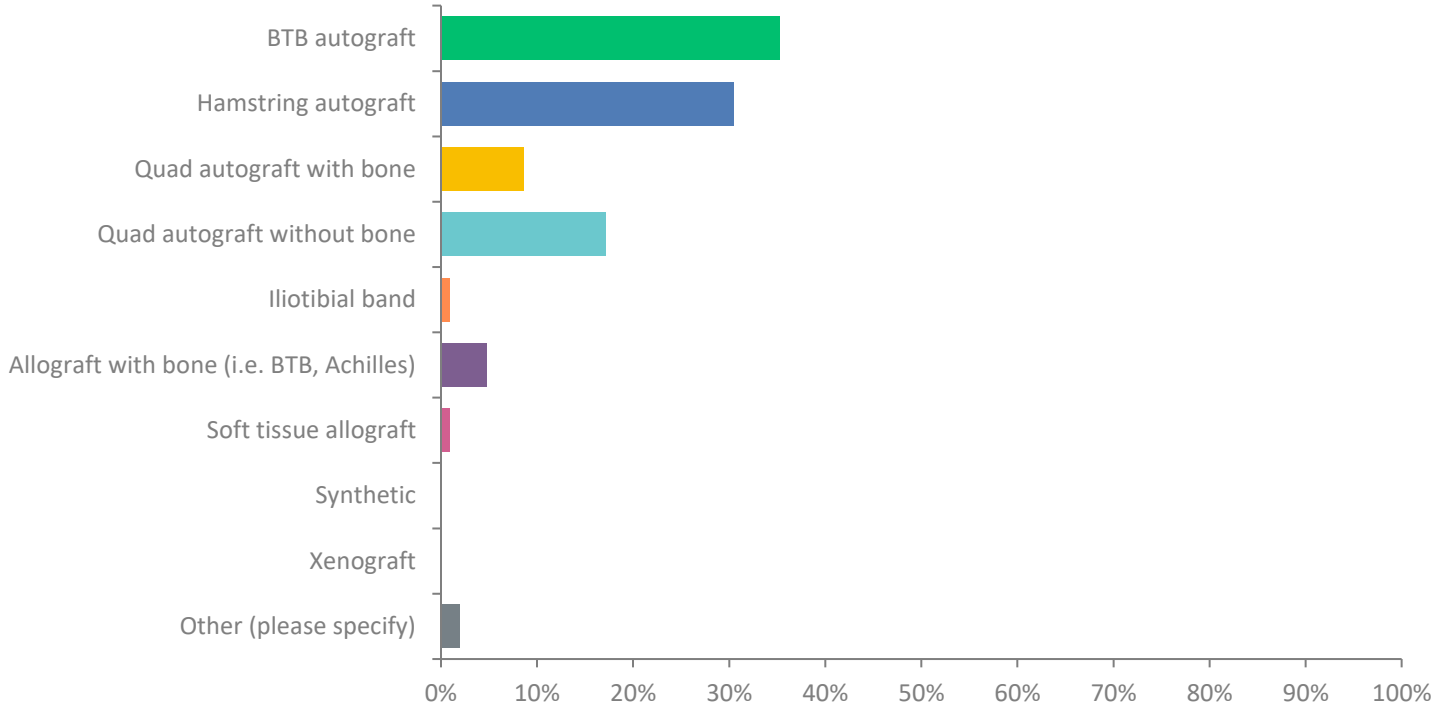
Q25: What is your most common graft choice for primary ACL reconstruction?

Answered: 105 Skipped: 7

ANSWER CHOICES	RESPONSES	
BTB autograft	28.57%	30
Hamstring autograft	47.62%	50
Quad autograft with bone	6.67%	7
Quad autograft without bone	13.33%	14
Iliotibial band	0%	0
Allograft with bone (i.e. BTB, Achilles)	0%	0
Soft tissue allograft	0.95%	1
Synthetic	0%	0
Xenograft	0%	0

Q26: What is your second most common graft choice for primary ACL reconstruction?

Answered: 105 Skipped: 7



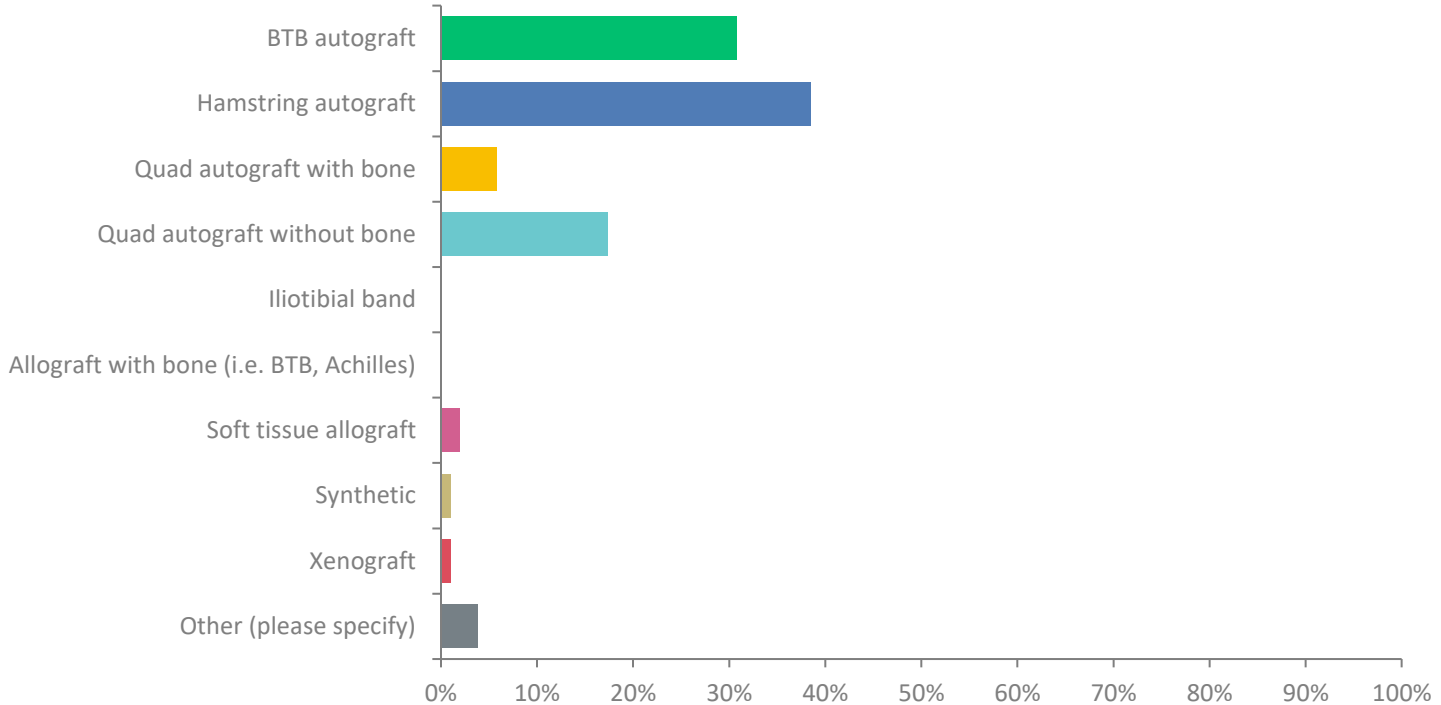
Q26: What is your second most common graft choice for primary ACL reconstruction?

Answered: 105 Skipped: 7

ANSWER CHOICES	RESPONSES	
BTB autograft	35.24%	37
Hamstring autograft	30.48%	32
Quad autograft with bone	8.57%	9
Quad autograft without bone	17.14%	18
Iliotibial band	0.95%	1
Allograft with bone (i.e. BTB, Achilles)	4.76%	5
Soft tissue allograft	0.95%	1
Synthetic	0%	0
Xenograft	0%	0

Q27: What graft choice do you think you will use most often 10 years from now?

Answered: 104 Skipped: 8



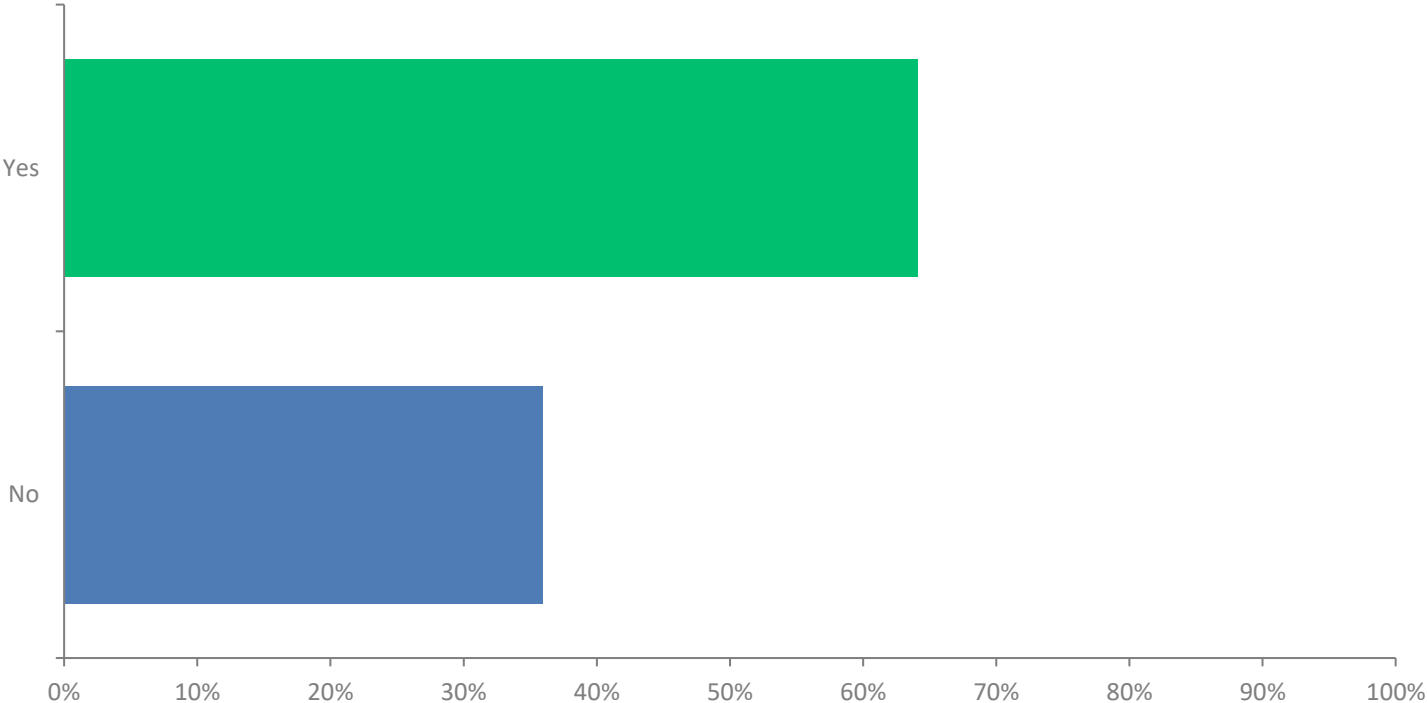
Q27: What graft choice do you think you will use most often 10 years from now?

Answered: 104 Skipped: 8

ANSWER CHOICES	RESPONSES	
BTB autograft	30.77%	32
Hamstring autograft	38.46%	40
Quad autograft with bone	5.77%	6
Quad autograft without bone	17.31%	18
Iliotibial band	0%	0
Allograft with bone (i.e. BTB, Achilles)	0%	0
Soft tissue allograft	1.92%	2
Synthetic	0.96%	1
Xenograft	0.96%	1

Q28: Do you use allograft in your practice?

Answered: 103 Skipped: 9



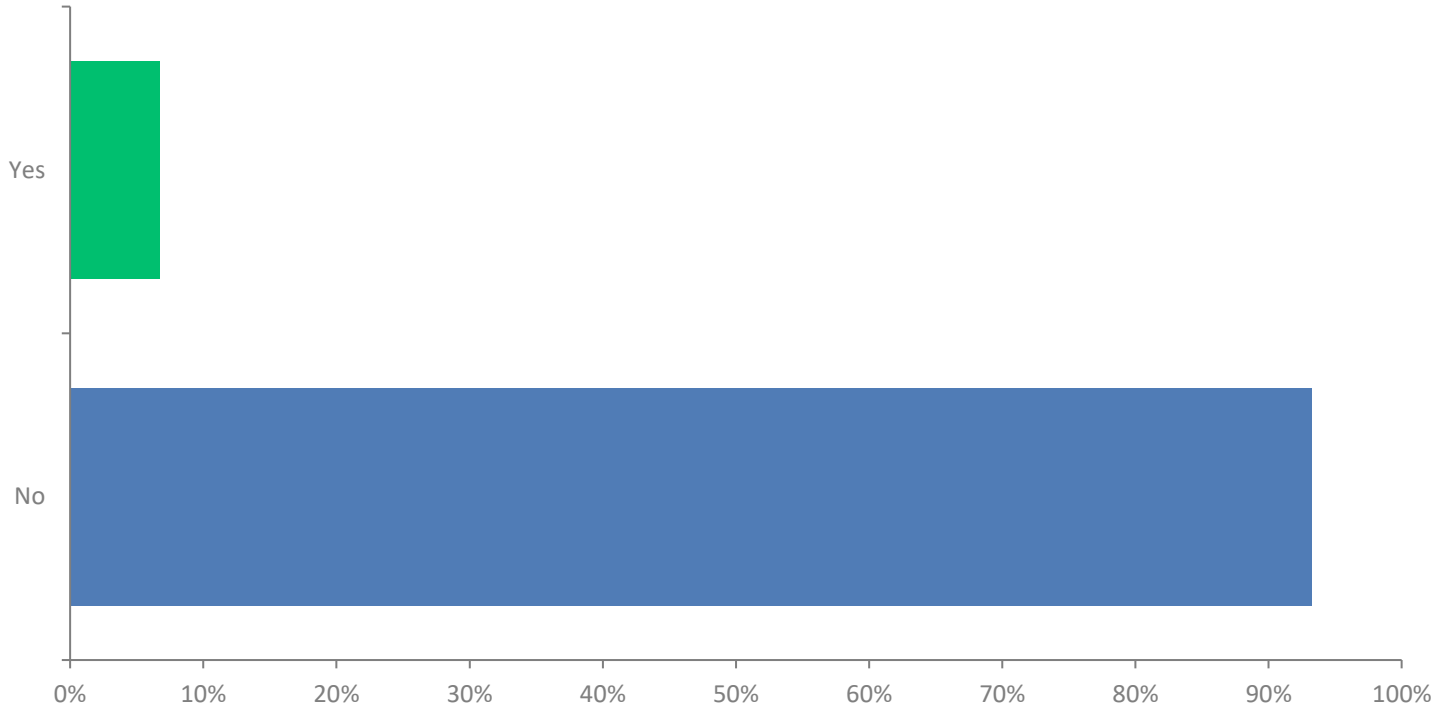
Q28: Do you use allograft in your practice?

Answered: 103 Skipped: 9

ANSWER CHOICES	RESPONSES	
Yes	64.08%	66
No	35.92%	37
TOTAL		103

matched allograft ACL performs similarly to autograft ACL in an under 21 age high-level athlete?

Answered: 104 Skipped: 8



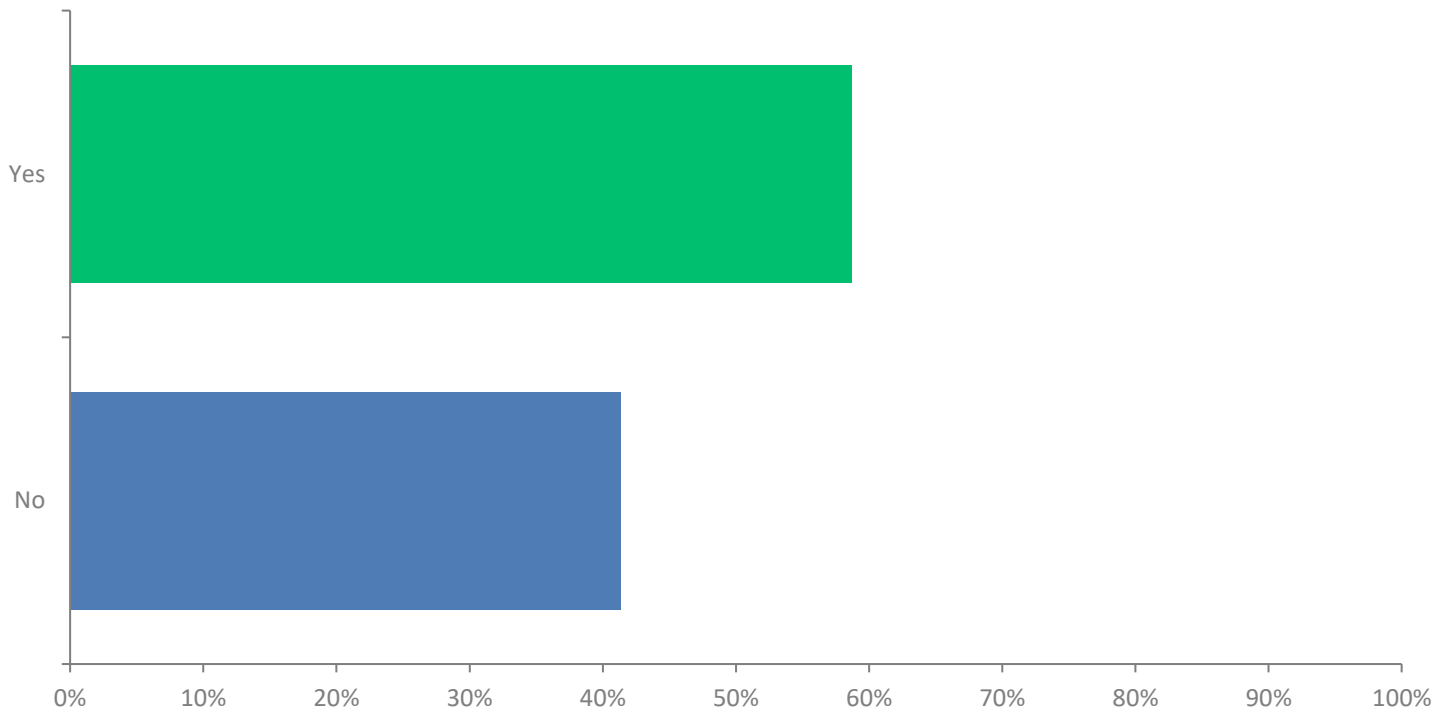
matched allograft ACL performs similarly to autograft ACL in an under 21 age high-level athlete?

Answered: 104 Skipped: 8

ANSWER CHOICES	RESPONSES	
Yes	6.73%	7
No	93.27%	97
TOTAL		104

matched allograft ACL performs similarly to autograft ACL in the 40 or greater recreational athlete?

Answered: 104 Skipped: 8



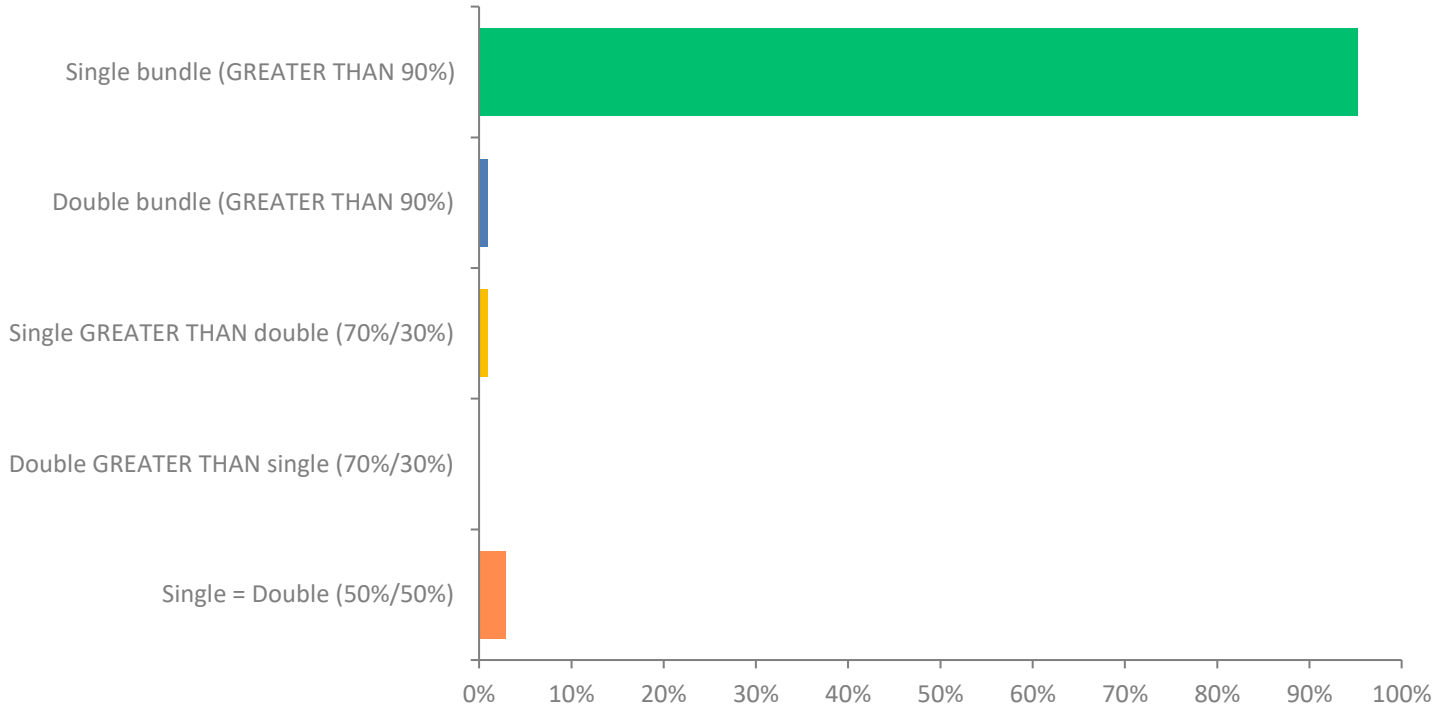
matched allograft ACL performs similarly to autograft ACL in the 40 or greater recreational athlete?

Answered: 104 Skipped: 8

ANSWER CHOICES	RESPONSES	
Yes	58.65%	61
No	41.35%	43
TOTAL		104

Q31: For revision ACL reconstruction, what type of surgery do you routinely perform?

Answered: 104 Skipped: 8



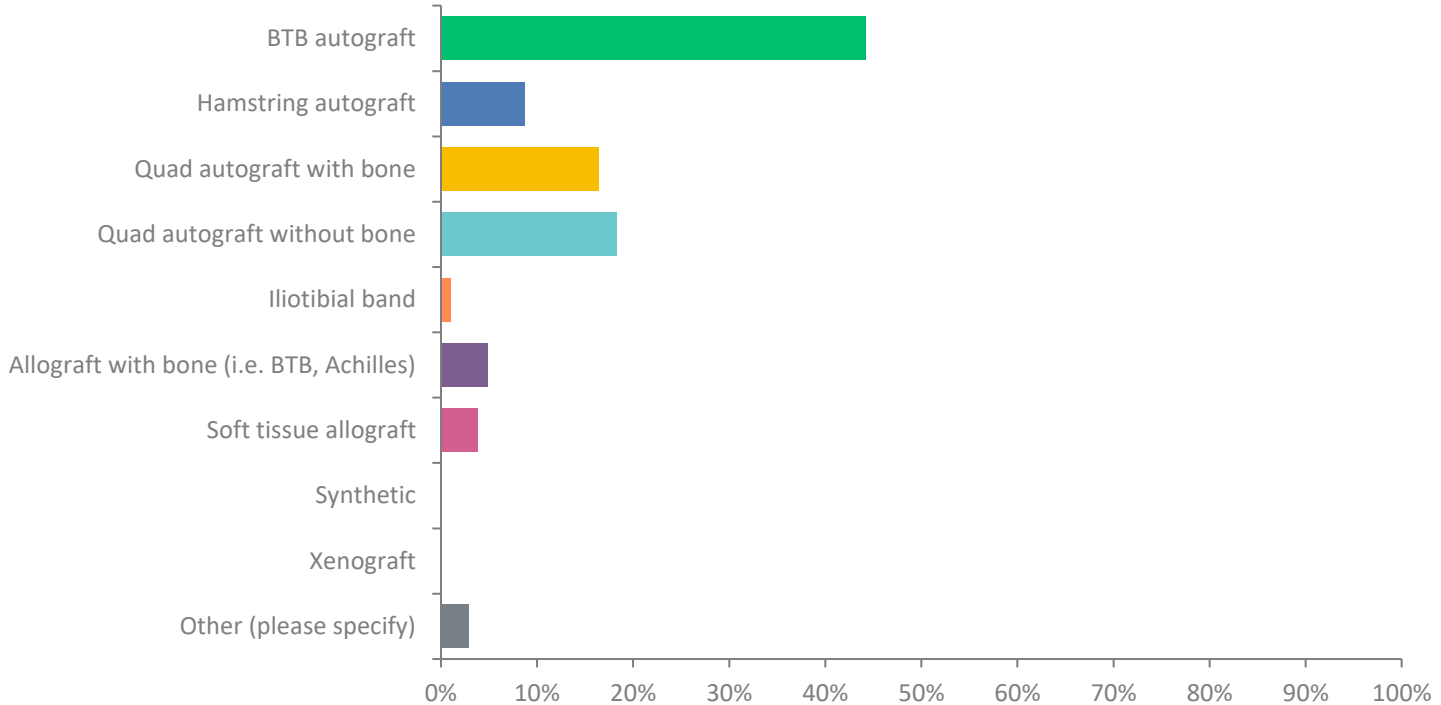
Q31: For revision ACL reconstruction, what type of surgery do you routinely perform?

Answered: 104 Skipped: 8

ANSWER CHOICES	RESPONSES	
Single bundle (GREATER THAN 90%)	95.19%	99
Double bundle (GREATER THAN 90%)	0.96%	1
Single GREATER THAN double (70%/30%)	0.96%	1
Double GREATER THAN single (70%/30%)	0%	0
Single = Double (50%/50%)	2.88%	3
TOTAL		104

Q32: What is your most common graft choice for revision ACL reconstruction?

Answered: 104 Skipped: 8



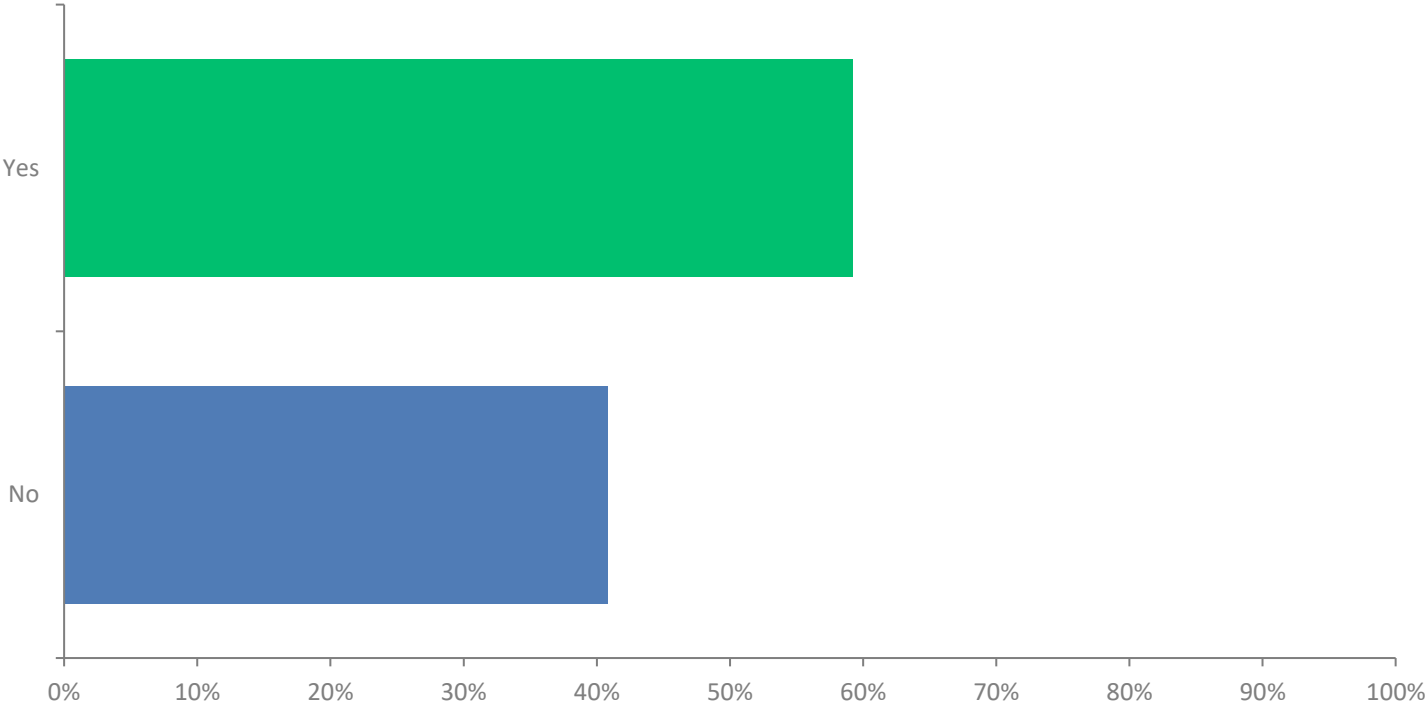
Q32: What is your most common graft choice for revision ACL reconstruction?

Answered: 104 Skipped: 8

ANSWER CHOICES	RESPONSES	
BTB autograft	44.23%	46
Hamstring autograft	8.65%	9
Quad autograft with bone	16.35%	17
Quad autograft without bone	18.27%	19
Iliotibial band	0.96%	1
Allograft with bone (i.e. BTB, Achilles)	4.81%	5
Soft tissue allograft	3.85%	4
Synthetic	0%	0
Xenograft	0%	0

Q33: Do you believe that remnant preservation is important?

Answered: 103 Skipped: 9



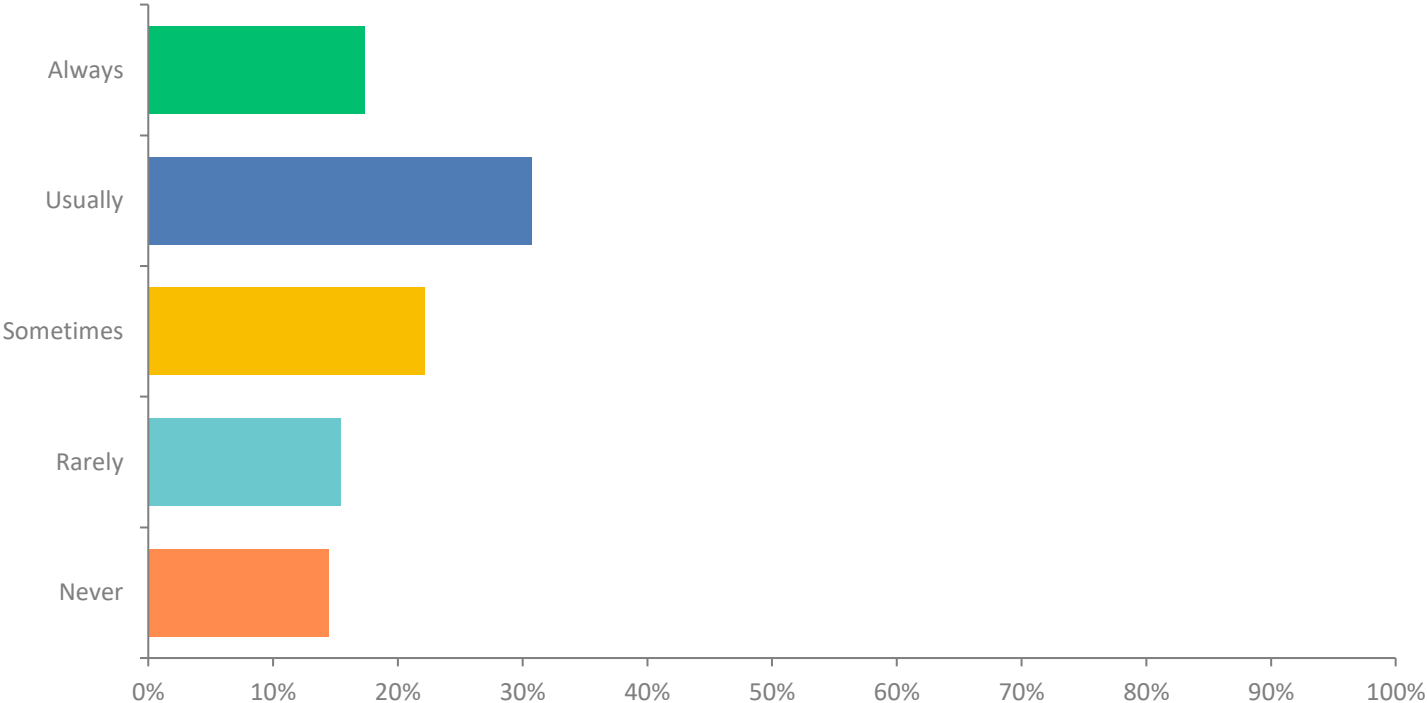
Q33: Do you believe that remnant preservation is important?

Answered: 103 Skipped: 9

ANSWER CHOICES	RESPONSES	
Yes	59.22%	61
No	40.78%	42
TOTAL		103

Q34: How often do you perform remnant preservation in your practice?

Answered: 104 Skipped: 8



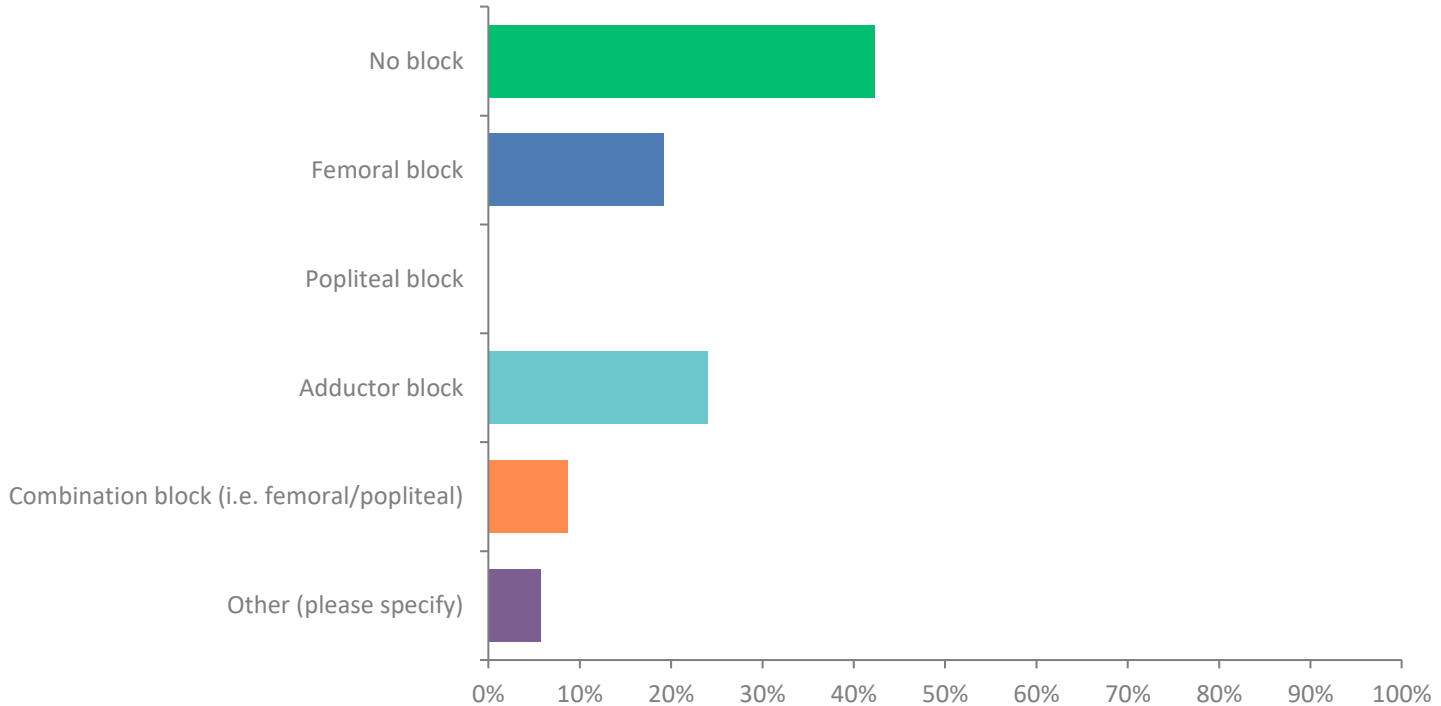
Q34: How often do you perform remnant preservation in your practice?

Answered: 104 Skipped: 8

ANSWER CHOICES	RESPONSES	
Always	17.31%	18
Usually	30.77%	32
Sometimes	22.12%	23
Rarely	15.38%	16
Never	14.42%	15
TOTAL		104

Q35: What is your preference regarding peripheral nerve blocks for ACL surgery?

Answered: 104 Skipped: 8



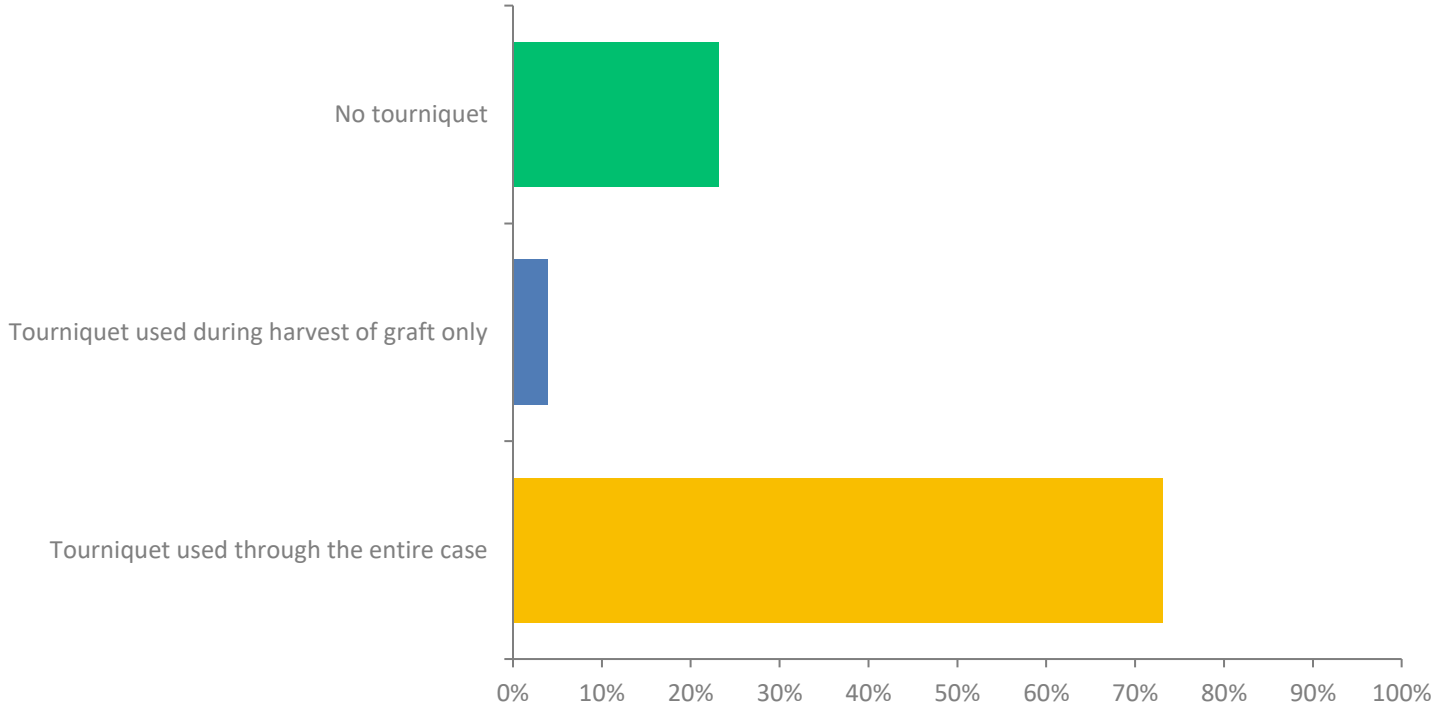
Q35: What is your preference regarding peripheral nerve blocks for ACL surgery?

Answered: 104 Skipped: 8

ANSWER CHOICES	RESPONSES	
No block	42.31%	44
Femoral block	19.23%	20
Popliteal block	0%	0
Adductor block	24.04%	25
Combination block (i.e. femoral/popliteal)	8.65%	9
Other (please specify)	5.77%	6
TOTAL		104

Q36: What is your preference regarding tourniquet use during ACL surgery?

Answered: 104 Skipped: 8



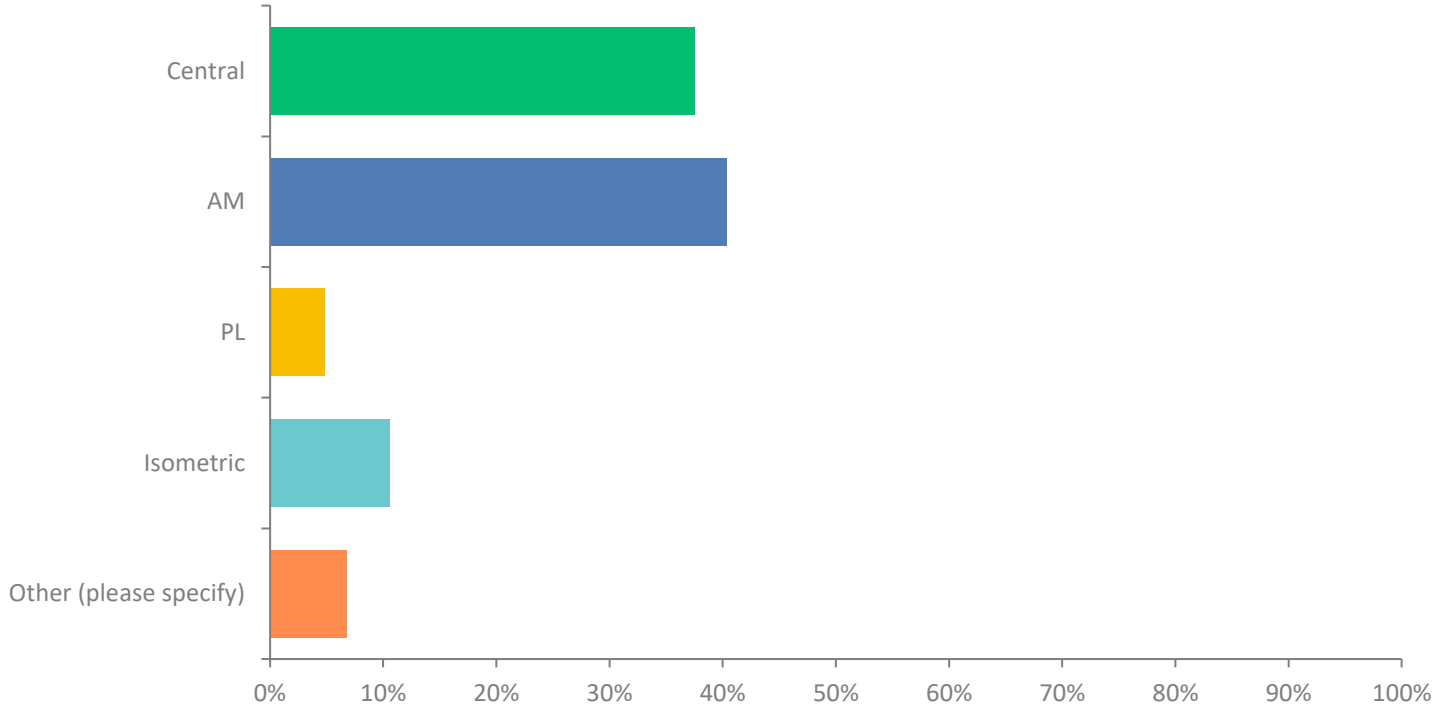
Q36: What is your preference regarding tourniquet use during ACL surgery?

Answered: 104 Skipped: 8

ANSWER CHOICES	RESPONSES	
No tourniquet	23.08%	24
Tourniquet used during harvest of graft only	3.85%	4
Tourniquet used through the entire case	73.08%	76
TOTAL		104

Q37: Regarding adult single bundle ACL reconstruction, where do you prefer to place your femoral tunnel?

Answered: 104 Skipped: 8



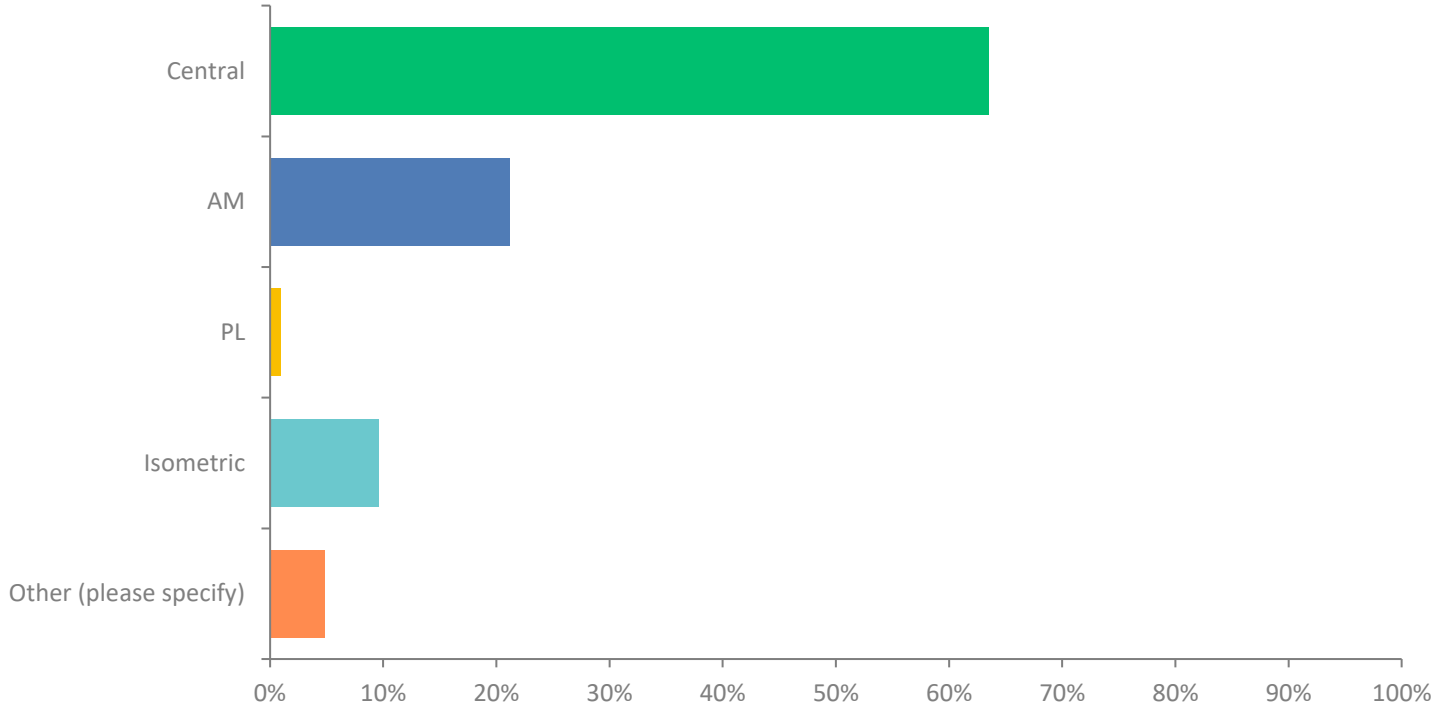
Q37: Regarding adult single bundle ACL reconstruction, where do you prefer to place your femoral tunnel?

Answered: 104 Skipped: 8

ANSWER CHOICES	RESPONSES	
Central	37.50%	39
AM	40.38%	42
PL	4.81%	5
Isometric	10.58%	11
Other (please specify)	6.73%	7
TOTAL		104

Q38: Regarding single bundle ACL reconstruction, where do you prefer to place your tibial tunnel?

Answered: 104 Skipped: 8



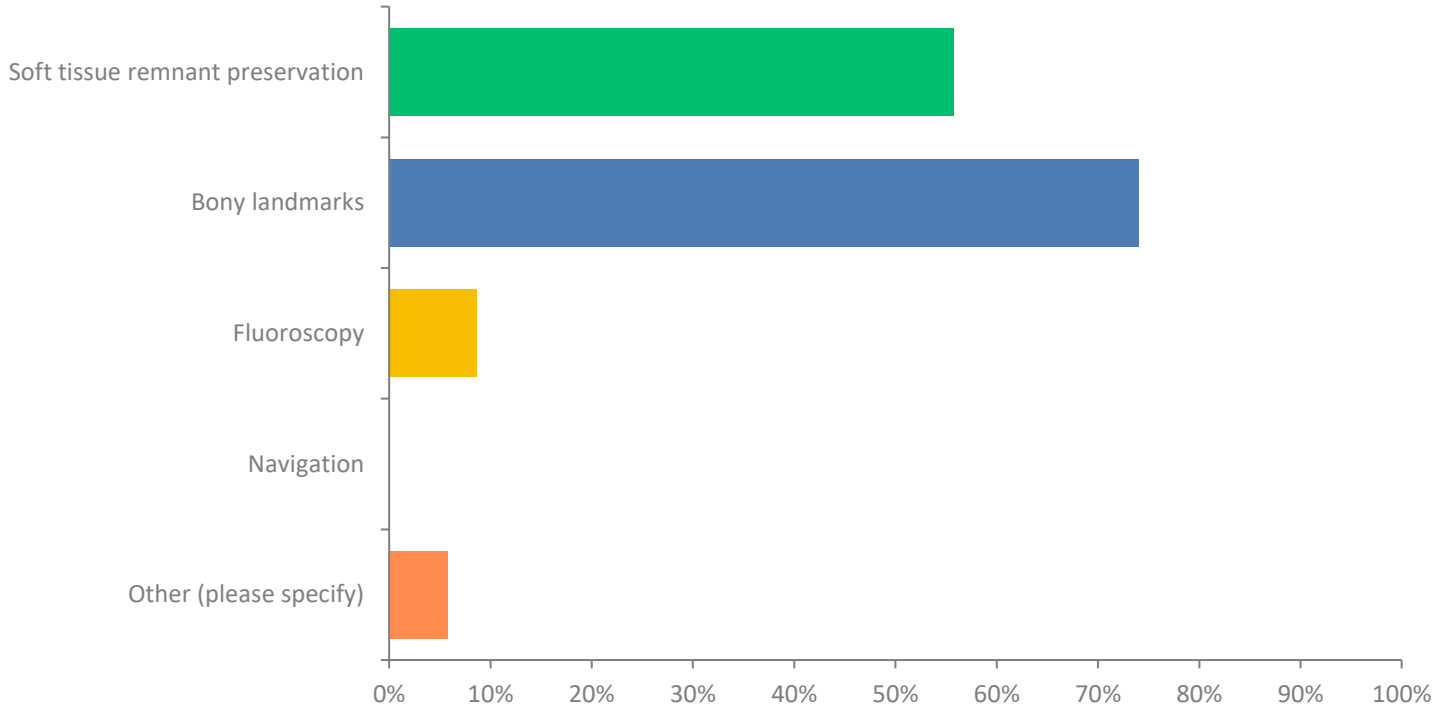
Q38: Regarding single bundle ACL reconstruction, where do you prefer to place your tibial tunnel?

Answered: 104 Skipped: 8

ANSWER CHOICES	RESPONSES	
Central	63.46%	66
AM	21.15%	22
PL	0.96%	1
Isometric	9.62%	10
Other (please specify)	4.81%	5
TOTAL		104

Q39: How do you best find the femoral footprint of the ACL?(SELECT ALL THAT APPLY)

Answered: 104 Skipped: 8



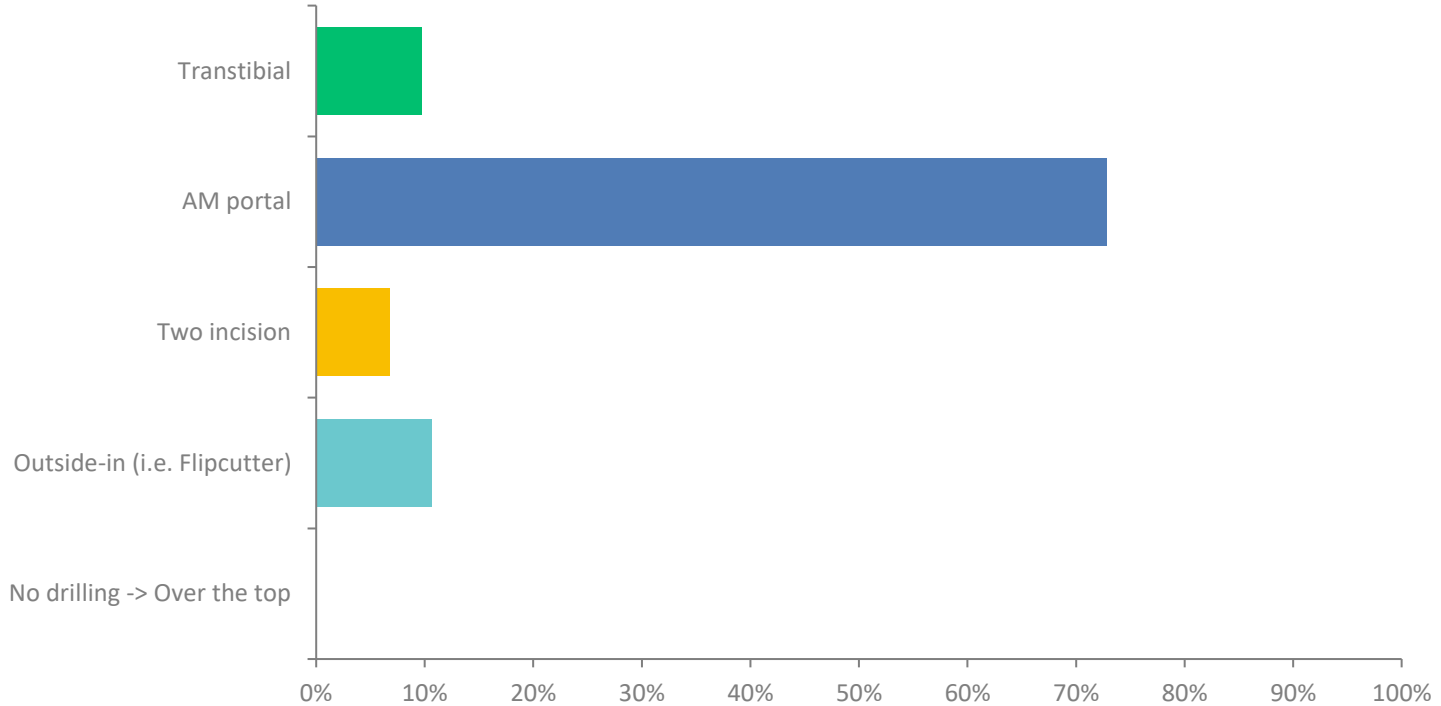
Q39: How do you best find the femoral footprint of the ACL?(SELECT ALL THAT APPLY)

Answered: 104 Skipped: 8

ANSWER CHOICES	RESPONSES	
Soft tissue remnant preservation	55.77%	58
Bony landmarks	74.04%	77
Fluoroscopy	8.65%	9
Navigation	0%	0
Other (please specify)	5.77%	6
TOTAL		150

Q40: How do you routinely drill your femoral tunnel?

Answered: 103 Skipped: 9



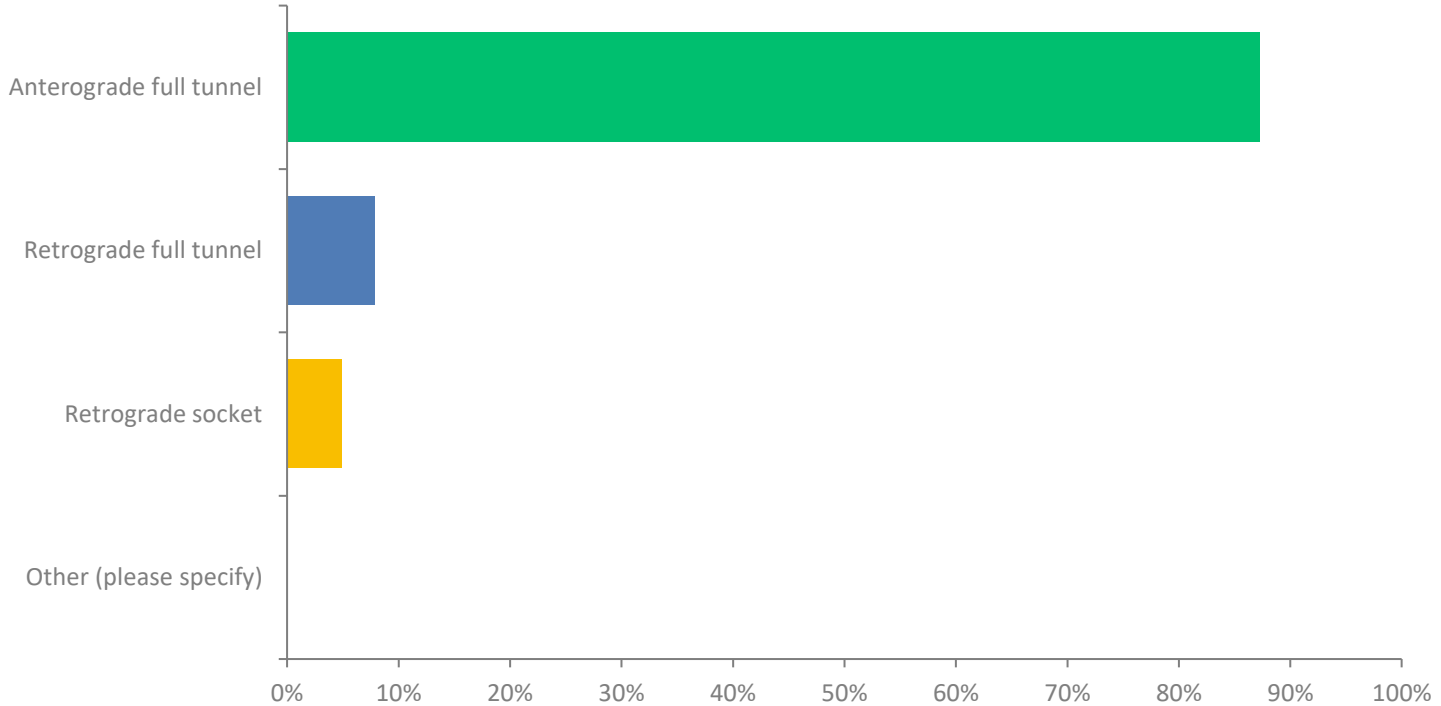
Q40: How do you routinely drill your femoral tunnel?

Answered: 103 Skipped: 9

ANSWER CHOICES	RESPONSES	
Transtibial	9.71%	10
AM portal	72.82%	75
Two incision	6.80%	7
Outside-in (i.e. Flipcutter)	10.68%	11
No drilling -> Over the top	0%	0
TOTAL		103

Q41: How do you routinely drill your tibial tunnel?

Answered: 102 Skipped: 10



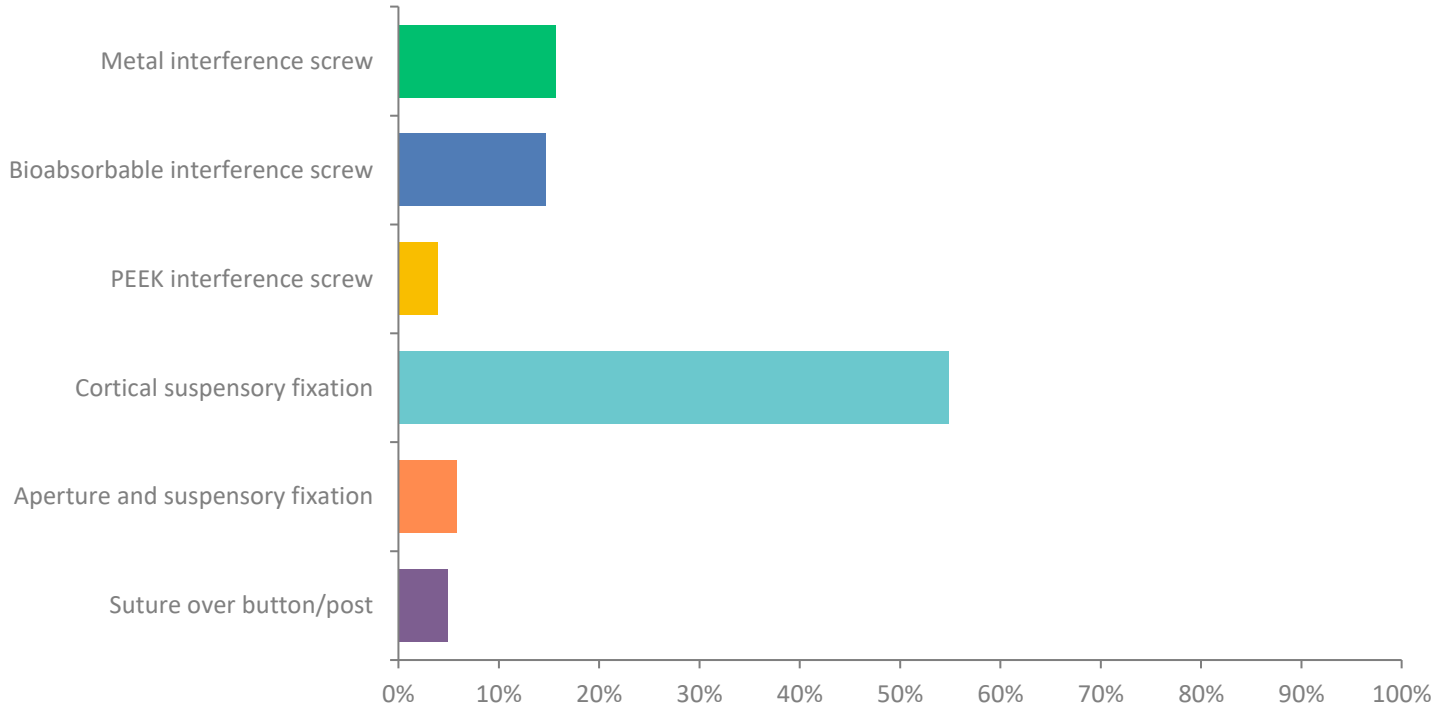
Q41: How do you routinely drill your tibial tunnel?

Answered: 102 Skipped: 10

ANSWER CHOICES	RESPONSES	
Anterograde full tunnel	87.25%	89
Retrograde full tunnel	7.84%	8
Retrograde socket	4.90%	5
Other (please specify)	0%	0
TOTAL		102

Q42: How do you routinely fix the femoral tunnel?

Answered: 102 Skipped: 10



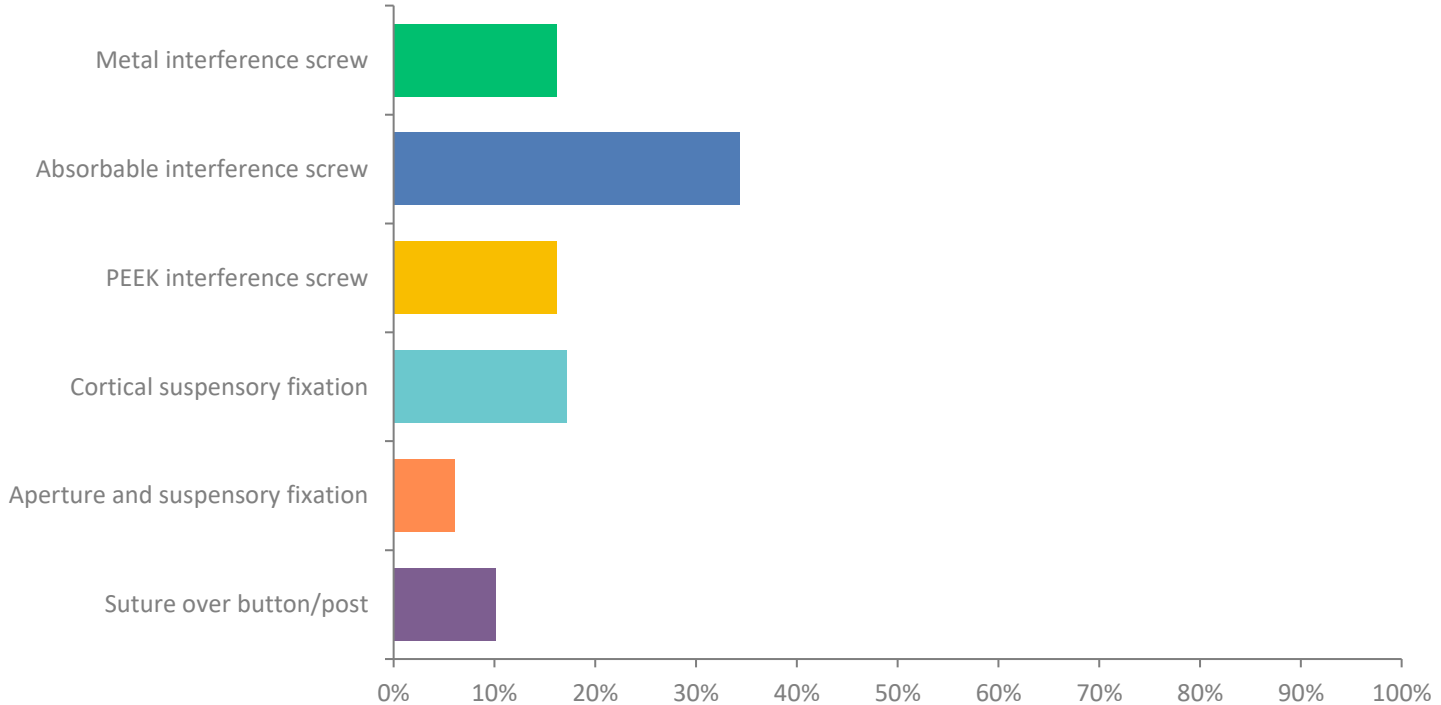
Q42: How do you routinely fix the femoral tunnel?

Answered: 102 Skipped: 10

ANSWER CHOICES	RESPONSES	
Metal interference screw	15.69%	16
Bioabsorbable interference screw	14.71%	15
PEEK interference screw	3.92%	4
Cortical suspensory fixation	54.90%	56
Aperture and suspensory fixation	5.88%	6
Suture over button/post	4.90%	5
TOTAL		102

Q43: How do you routinely fix the tibial tunnel?

Answered: 99 Skipped: 13



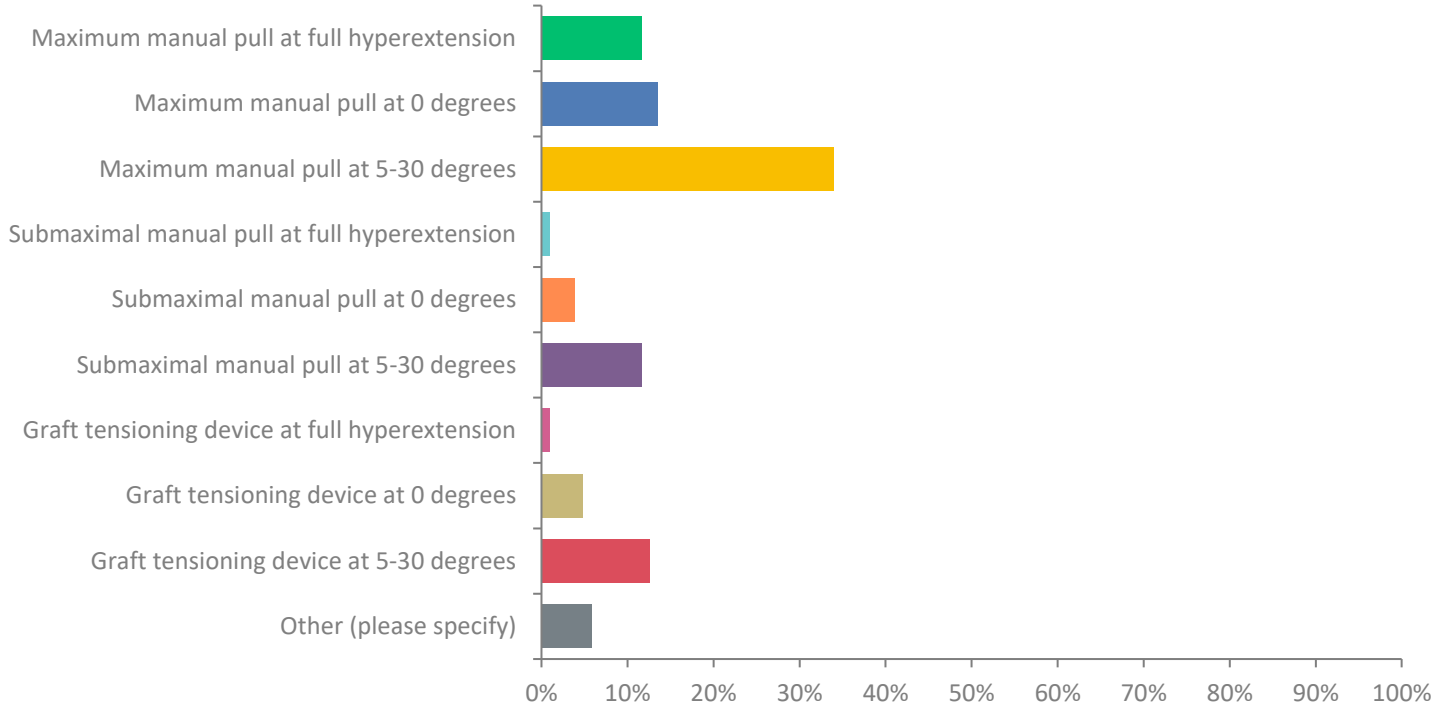
Q43: How do you routinely fix the tibial tunnel?

Answered: 99 Skipped: 13

ANSWER CHOICES	RESPONSES	
Metal interference screw	16.16%	16
Absorbable interference screw	34.34%	34
PEEK interference screw	16.16%	16
Cortical suspensory fixation	17.17%	17
Aperture and suspensory fixation	6.06%	6
Suture over button/post	10.10%	10
TOTAL		99

Q44: How do you routinely tension your single bundle ACL reconstruction?

Answered: 103 Skipped: 9



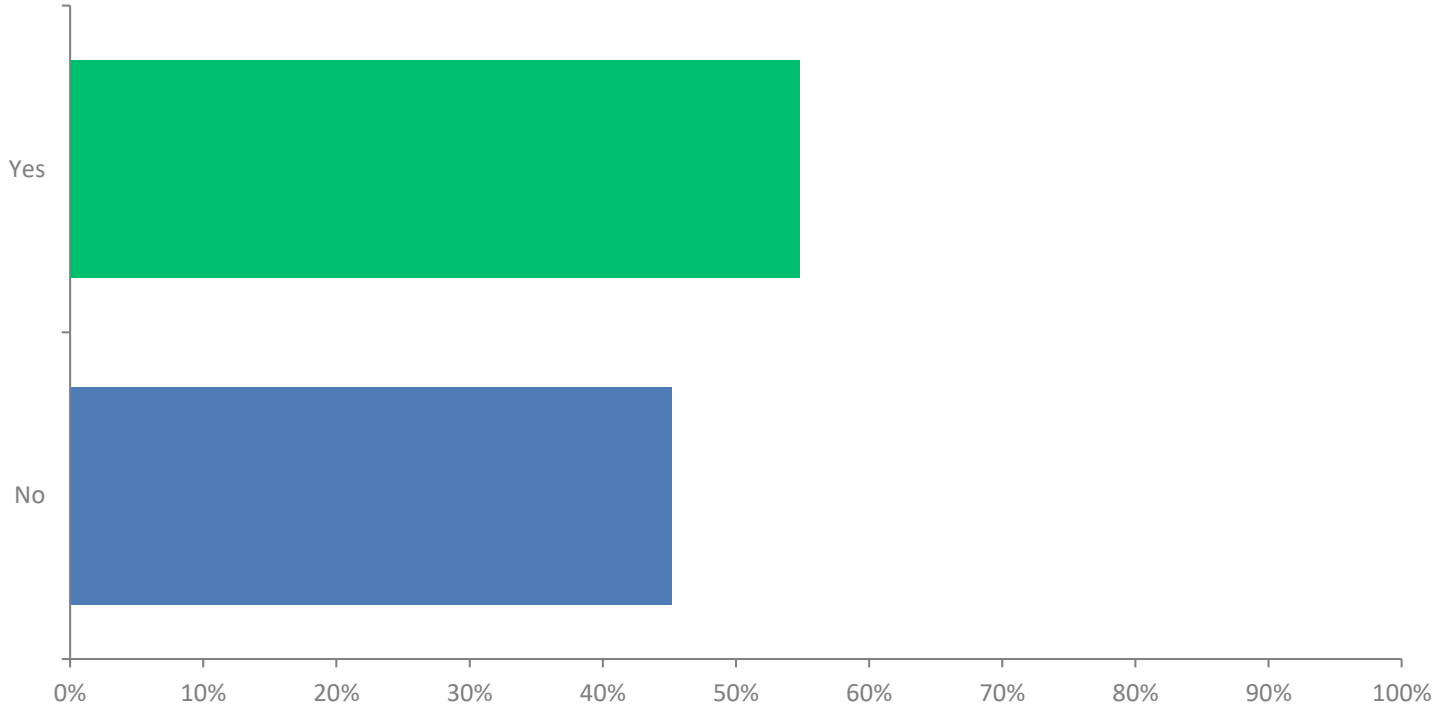
Q44: How do you routinely tension your single bundle ACL reconstruction?

Answered: 103 Skipped: 9

ANSWER CHOICES	RESPONSES	
Maximum manual pull at full hyperextension	11.65%	12
Maximum manual pull at 0 degrees	13.59%	14
Maximum manual pull at 5-30 degrees	33.98%	35
Submaximal manual pull at full hyperextension	0.97%	1
Submaximal manual pull at 0 degrees	3.88%	4
Submaximal manual pull at 5-30 degrees	11.65%	12
Graft tensioning device at full hyperextension	0.97%	1
Graft tensioning device at 0	4.85%	5

Q45: Do you check the pivot shift in the operating room after ACL reconstruction?

Answered: 104 Skipped: 8



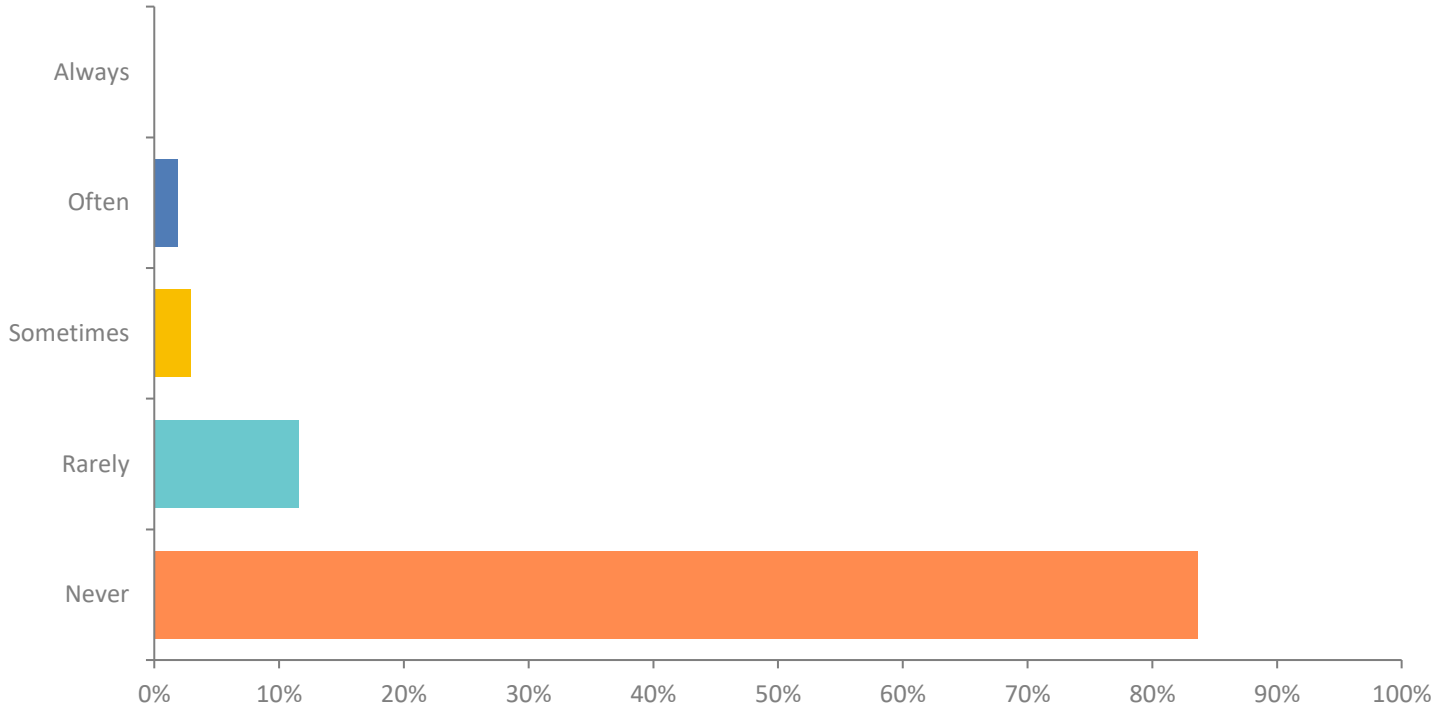
Q45: Do you check the pivot shift in the operating room after ACL reconstruction?

Answered: 104 Skipped: 8

ANSWER CHOICES	RESPONSES	
Yes	54.81%	57
No	45.19%	47
TOTAL		104

Q46: How often do you use biologics (i.e., PRP, BMAC) during primary ACL reconstruction?

Answered: 104 Skipped: 8



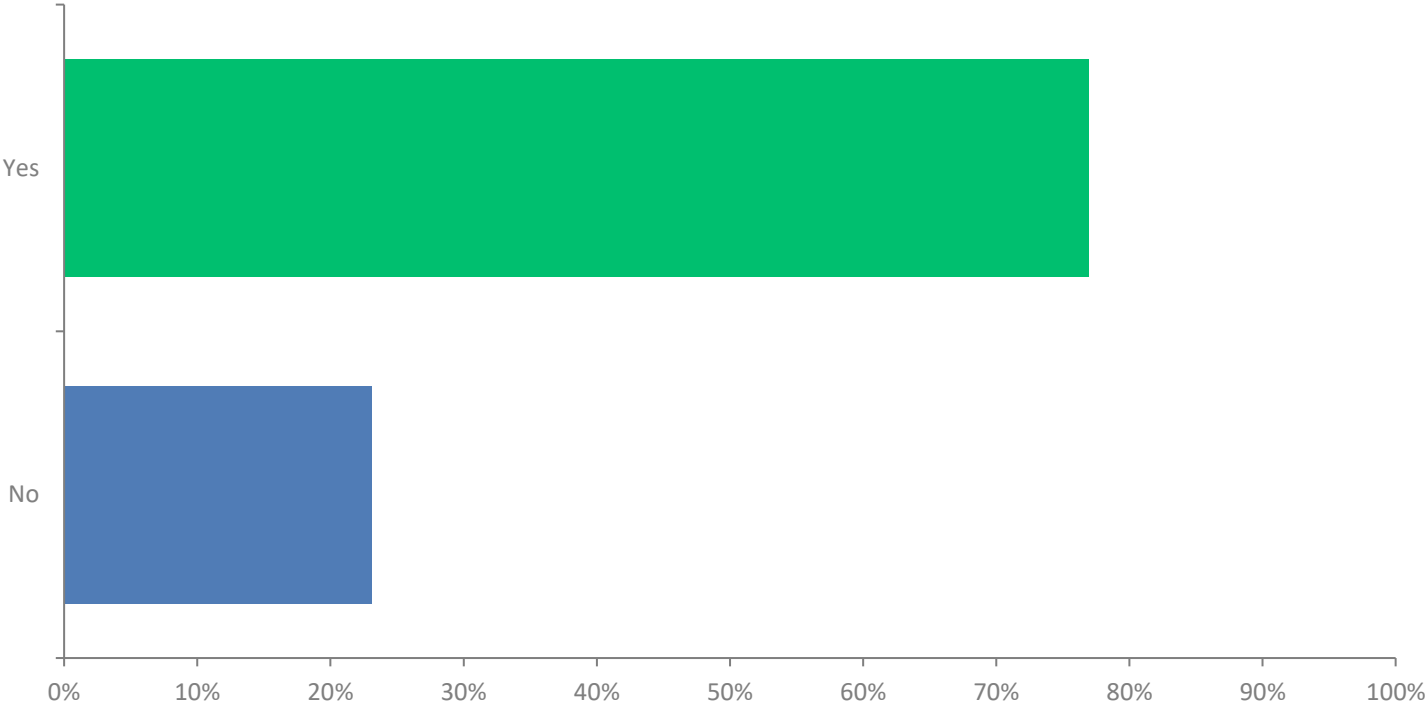
Q46: How often do you use biologics (i.e., PRP, BMAC) during primary ACL reconstruction?

Answered: 104 Skipped: 8

ANSWER CHOICES	RESPONSES	
Always	0%	0
Often	1.92%	2
Sometimes	2.88%	3
Rarely	11.54%	12
Never	83.65%	87
TOTAL		104

Q47: Do you perform pediatric ACL surgery (<14yo) in your practice?

Answered: 104 Skipped: 8



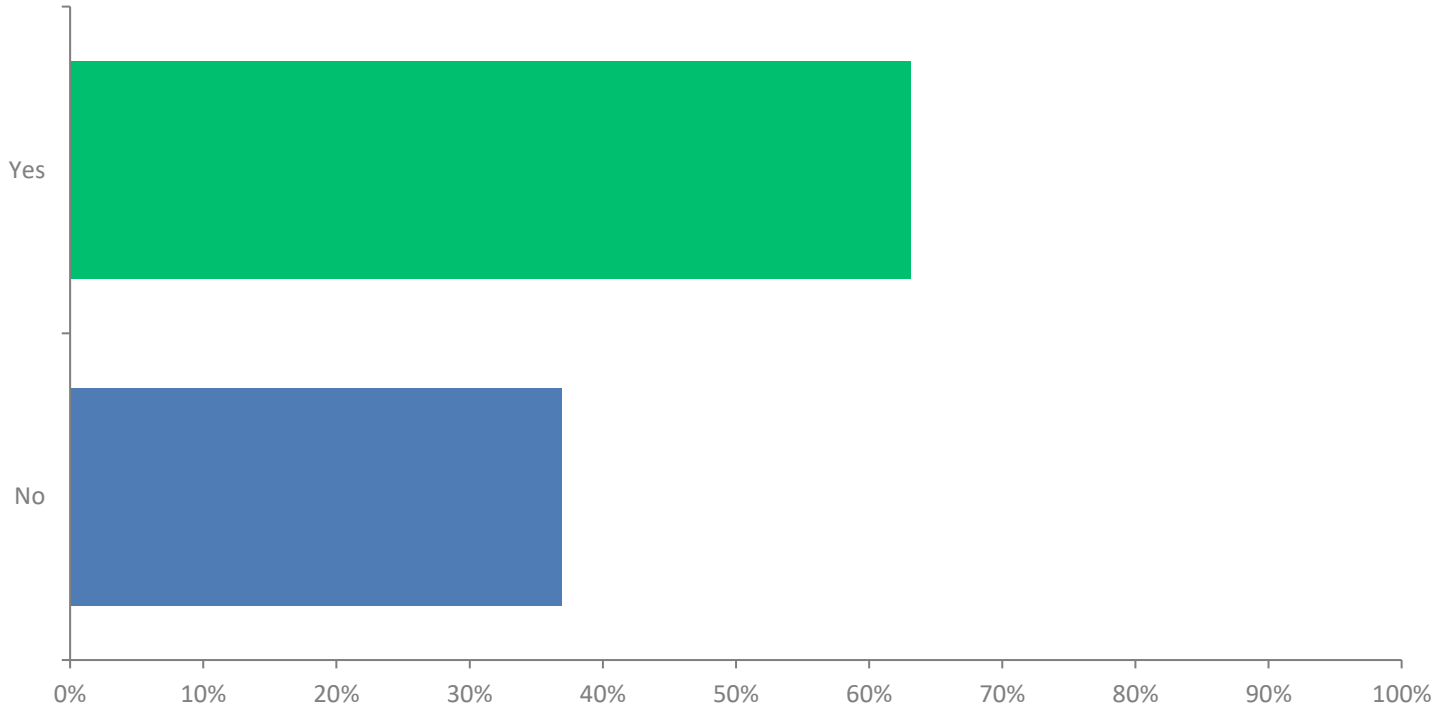
Q47: Do you perform pediatric ACL surgery (<14yo) in your practice?

Answered: 104 Skipped: 8

ANSWER CHOICES	RESPONSES	
Yes	76.92%	80
No	23.08%	24
TOTAL		104

Q48: Is there a role for delayed surgical treatment of ACL injuries in children?

Answered: 103 Skipped: 9



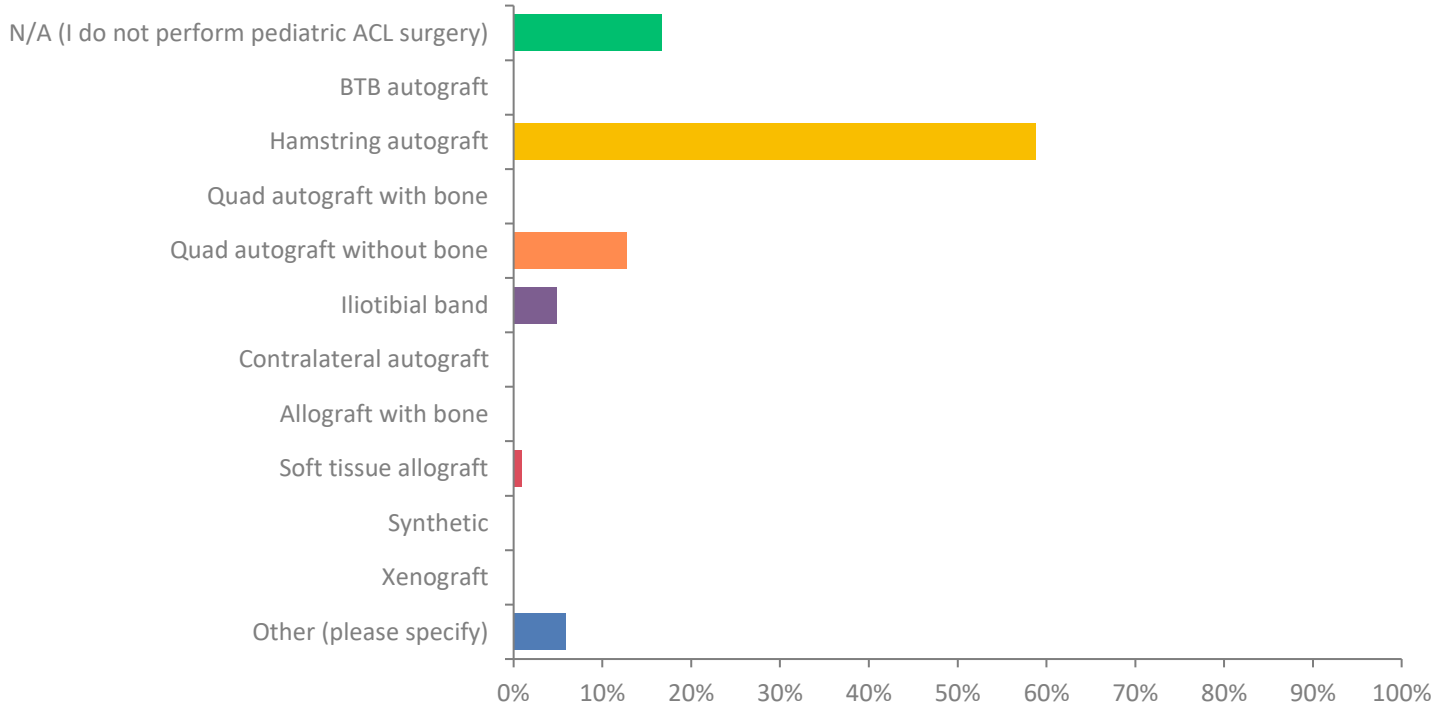
Q48: Is there a role for delayed surgical treatment of ACL injuries in children?

Answered: 103 Skipped: 9

ANSWER CHOICES	RESPONSES	
Yes	63.11%	65
No	36.89%	38
TOTAL		103

Q49: What is the graft choice you use most commonly for pediatric ACL reconstruction in a 10-year-old patient?

Answered: 102 Skipped: 10



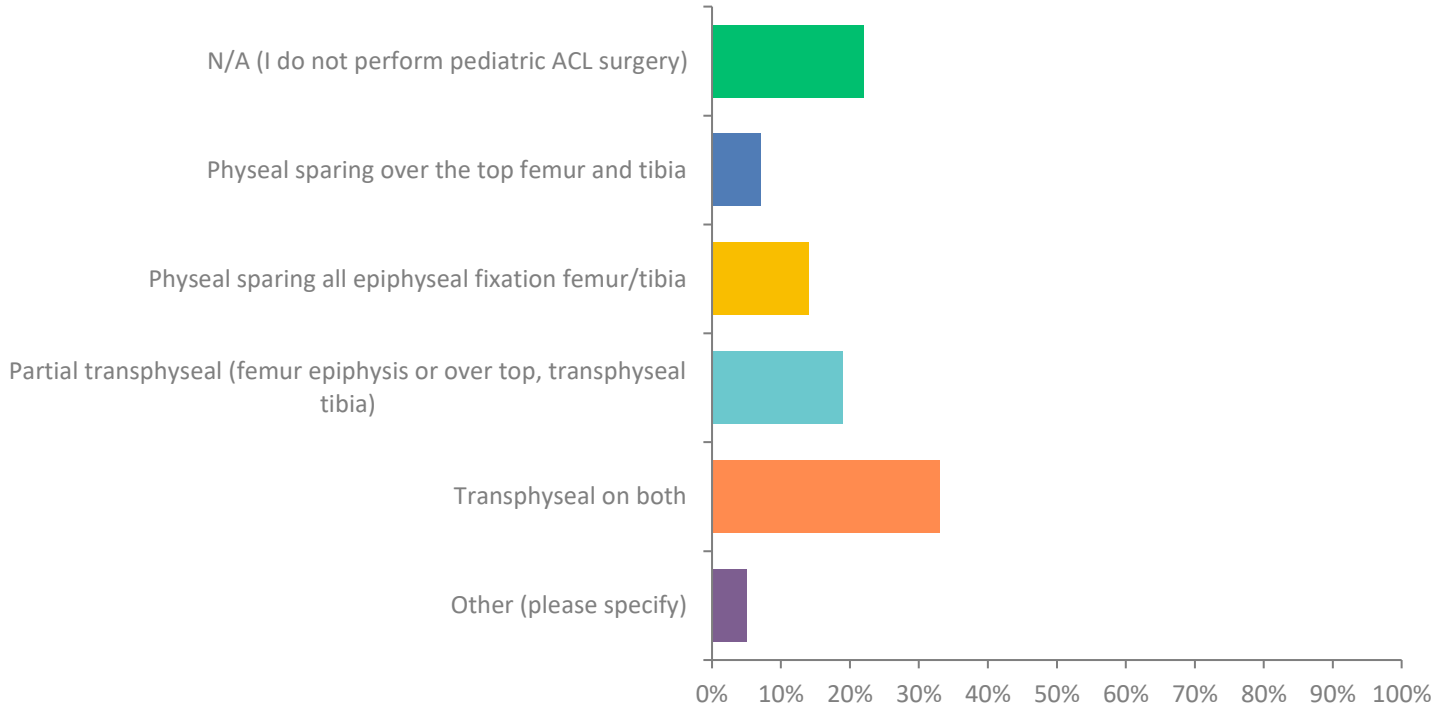
Q49: What is the graft choice you use most commonly for pediatric ACL reconstruction in a 10-year-old patient?

Answered: 102 Skipped: 10

ANSWER CHOICES	RESPONSES	
N/A (I do not perform pediatric ACL surgery)	16.67%	17
BTB autograft	0%	0
Hamstring autograft	58.82%	60
Quad autograft with bone	0%	0
Quad autograft without bone	12.75%	13
Iliotibial band	4.90%	5
Contralateral autograft	0%	0
Allograft with bone	0%	0
Soft tissue allograft	0.98%	1

Q50: What surgical technique do you perform the majority of the time for a 10-year-old child?

Answered: 100 Skipped: 12



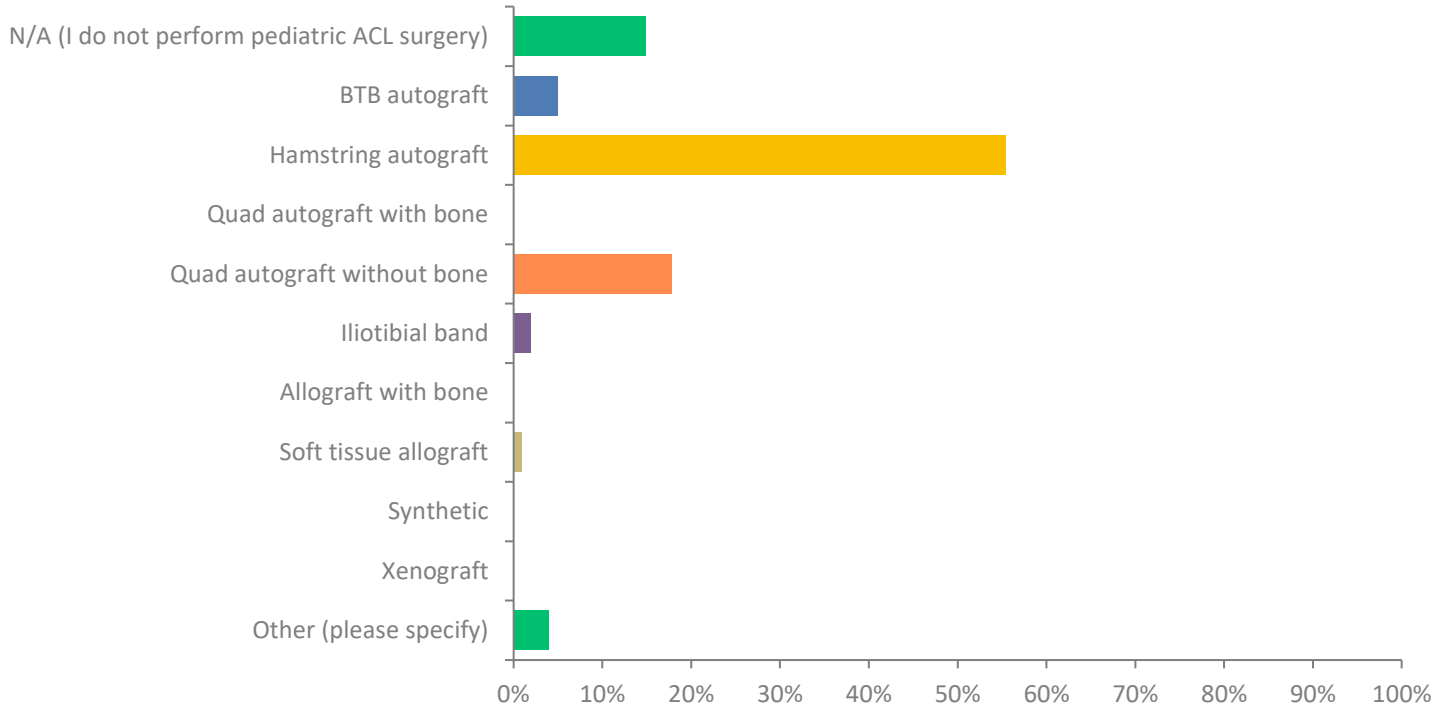
Q50: What surgical technique do you perform the majority of the time for a 10-year-old child?

Answered: 100 Skipped: 12

ANSWER CHOICES	RESPONSES	
N/A (I do not perform pediatric ACL surgery)	22.00%	22
Physeal sparing over the top femur and tibia	7.00%	7
Physeal sparing all epiphyseal fixation femur/tibia	14.00%	14
Partial transphyseal (femur epiphysis or over top, transphyseal tibia)	19.00%	19
Transphyseal on both	33.00%	33
Other (please specify)	5.00%	5
TOTAL		100

Q51: What is the graft choice you use most commonly for pediatric ACL reconstruction in a 13-year-old male patient?

Answered: 101 Skipped: 11



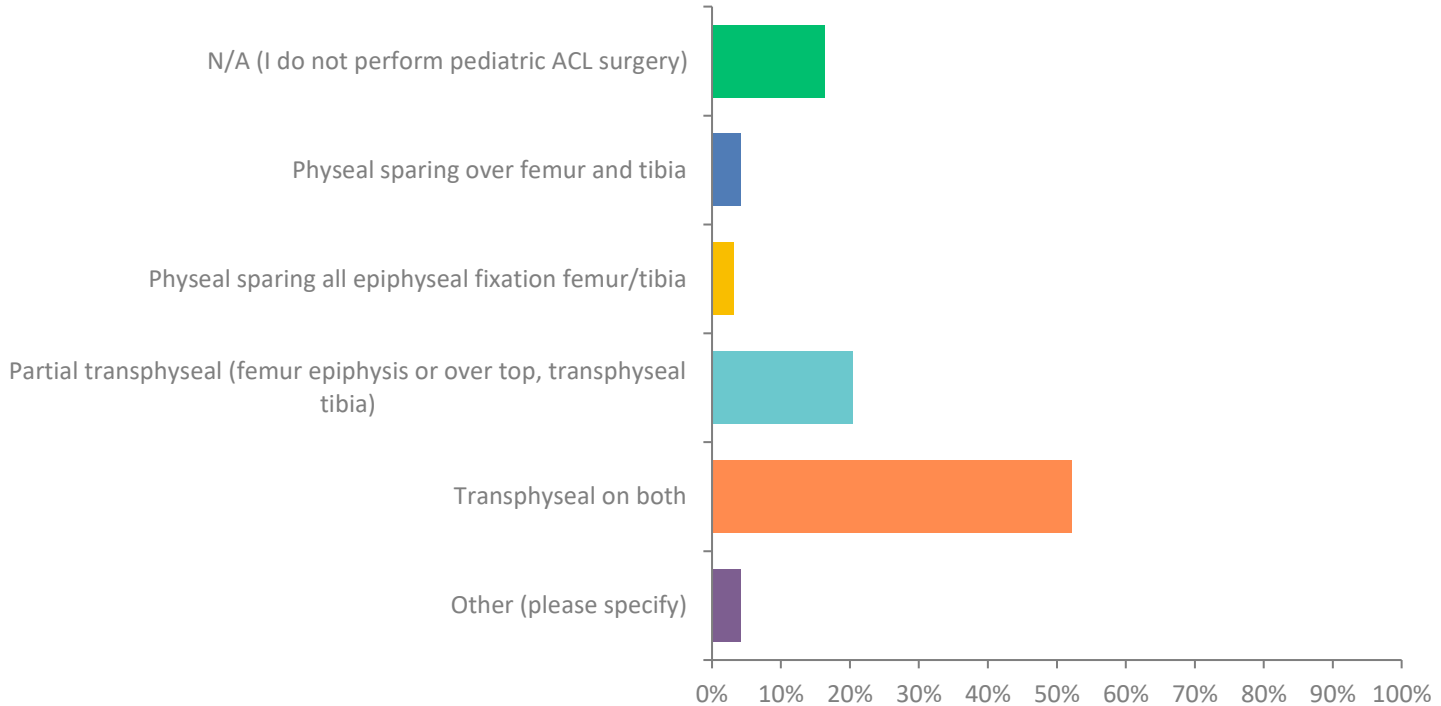
Q51: What is the graft choice you use most commonly for pediatric ACL reconstruction in a 13-year-old male patient?

Answered: 101 Skipped: 11

ANSWER CHOICES	RESPONSES	
N/A (I do not perform pediatric ACL surgery)	14.85%	15
BTB autograft	4.95%	5
Hamstring autograft	55.45%	56
Quad autograft with bone	0%	0
Quad autograft without bone	17.82%	18
Iliotibial band	1.98%	2
Allograft with bone	0%	0
Soft tissue allograft	0.99%	1
Synthetic	0%	0

Q52: What surgical technique do you perform the majority of the time for a 13-year-old male patient?

Answered: 98 Skipped: 14



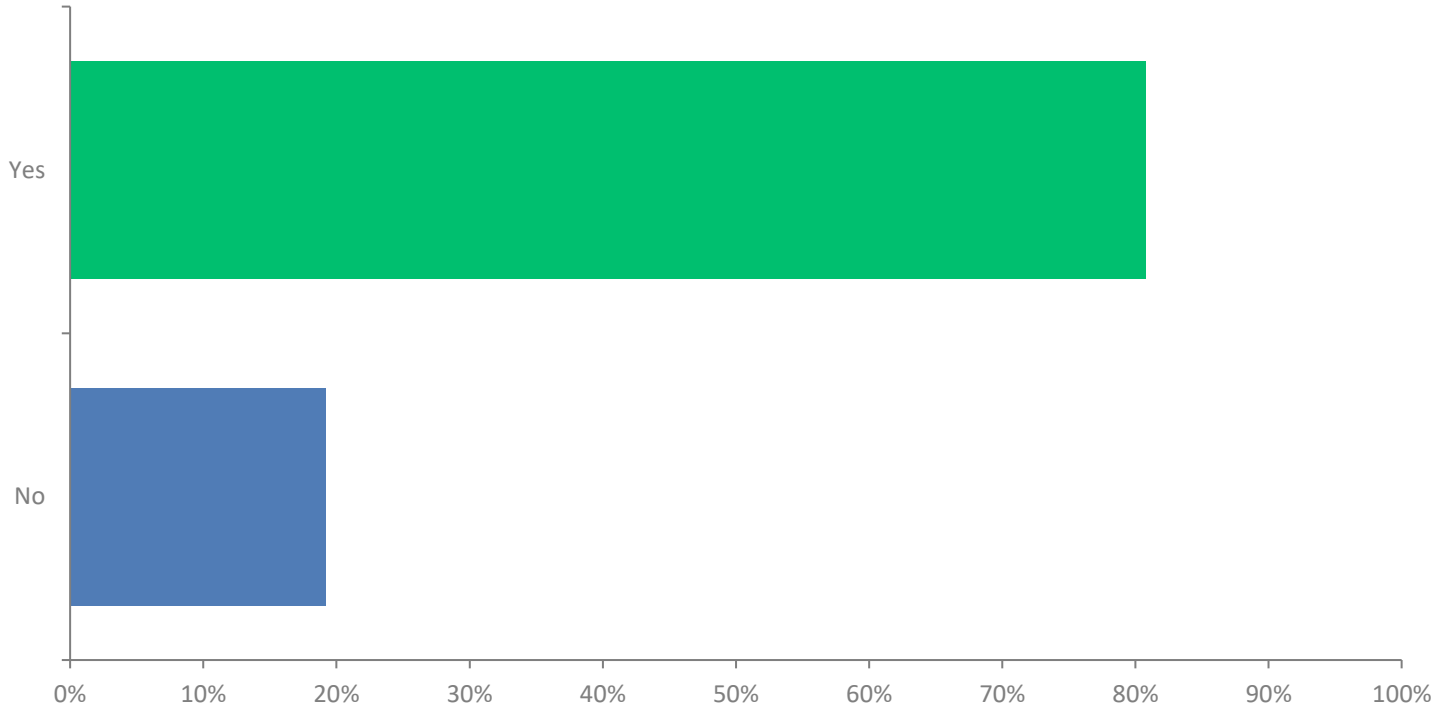
Q52: What surgical technique do you perform the majority of the time for a 13-year-old male patient?

Answered: 98 Skipped: 14

ANSWER CHOICES	RESPONSES	
N/A (I do not perform pediatric ACL surgery)	16.33%	16
Physeal sparing over femur and tibia	4.08%	4
Physeal sparing all epiphyseal fixation femur/tibia	3.06%	3
Partial transphyseal (femur epiphysis or over top, transphyseal tibia)	20.41%	20
Transphyseal on both	52.04%	51
Other (please specify)	4.08%	4
TOTAL		98

augmentation (i.e. LET/ALL reconstruction) during primary ACL reconstruction?

Answered: 104 Skipped: 8



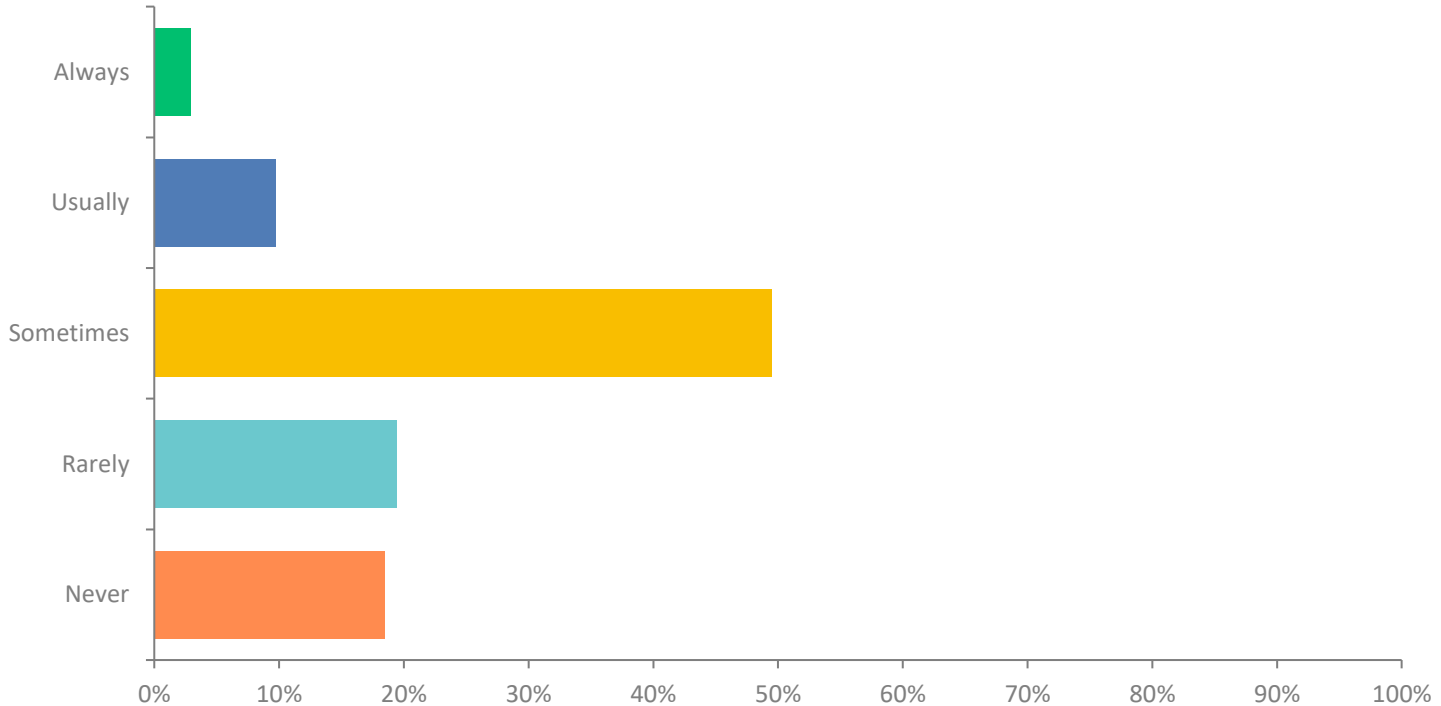
augmentation (i.e. LET/ALL reconstruction) during primary ACL reconstruction?

Answered: 104 Skipped: 8

ANSWER CHOICES	RESPONSES	
Yes	80.77%	84
No	19.23%	20
TOTAL		104

Q54: How often do you use lateral extra-articular augmentation(i.e. LET/ALL reconstruction) during primary ACL reconstruction?

Answered: 103 Skipped: 9



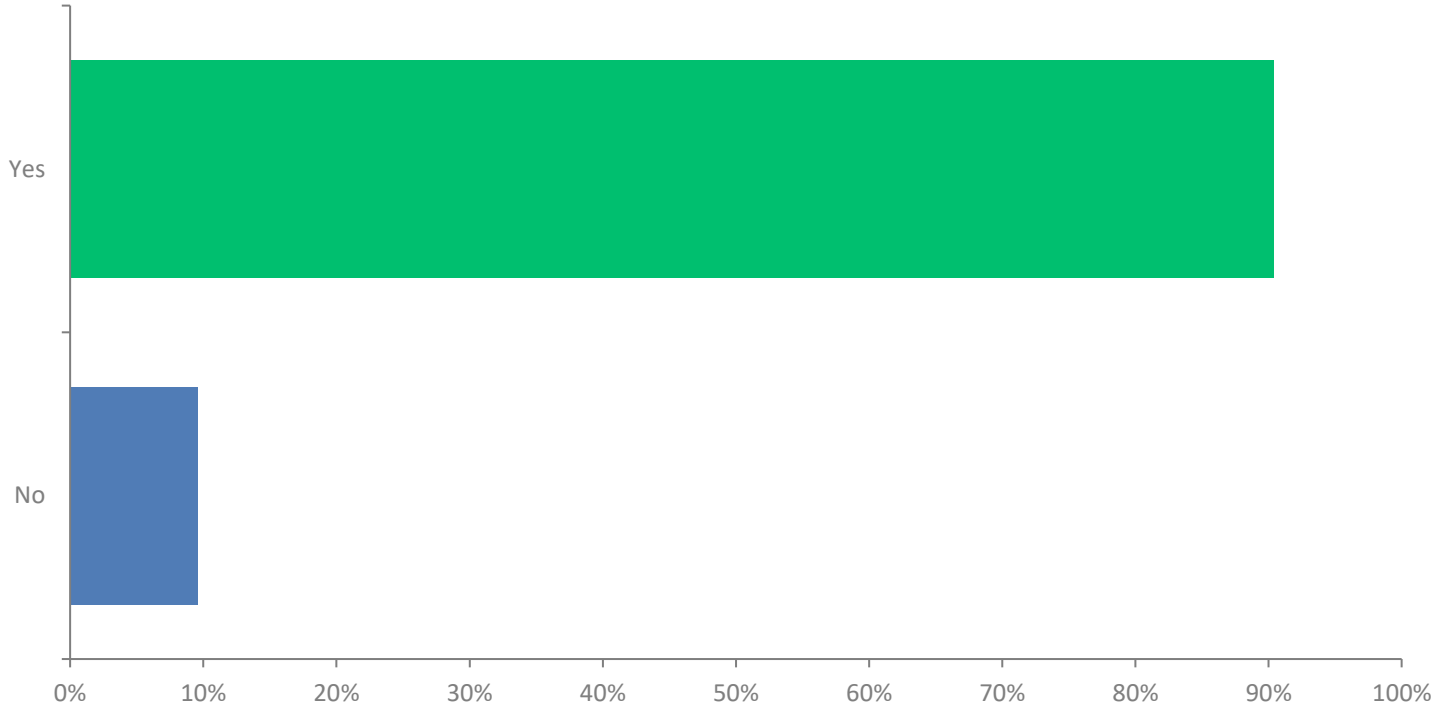
Q54: How often do you use lateral extra-articular augmentation(i.e. LET/ALL reconstruction) during primary ACL reconstruction?

Answered: 103 Skipped: 9

ANSWER CHOICES	RESPONSES	
Always	2.91%	3
Usually	9.71%	10
Sometimes	49.51%	51
Rarely	19.42%	20
Never	18.45%	19
TOTAL		103

augmentation (i.e. LET/ALL reconstruction) during revision ACL reconstruction?

Answered: 104 Skipped: 8



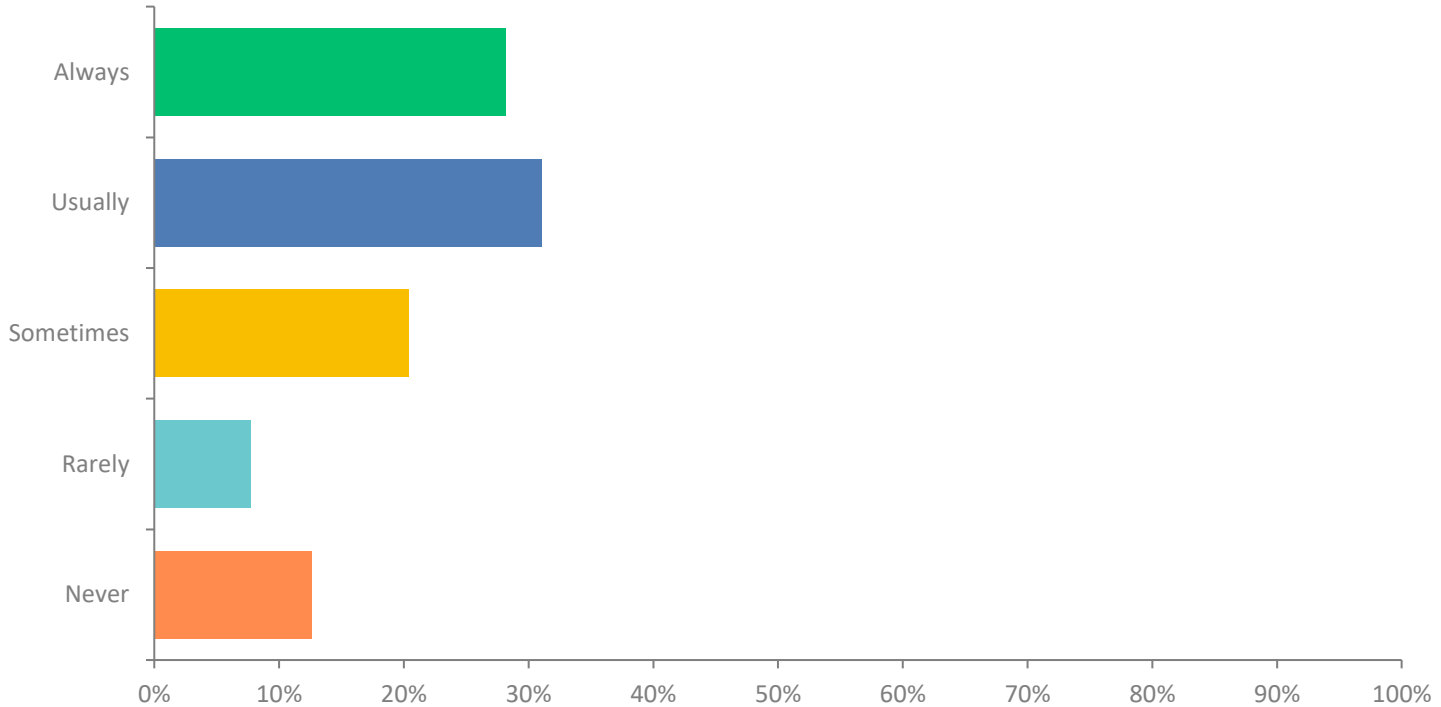
augmentation (i.e. LET/ALL reconstruction) during revision ACL reconstruction?

Answered: 104 Skipped: 8

ANSWER CHOICES	RESPONSES	
Yes	90.38%	94
No	9.62%	10
TOTAL		104

Q56: How often do you use extra-articular augmentation(i.e. LET, ALL reconstruction) during revision ACL reconstruction?

Answered: 103 Skipped: 9



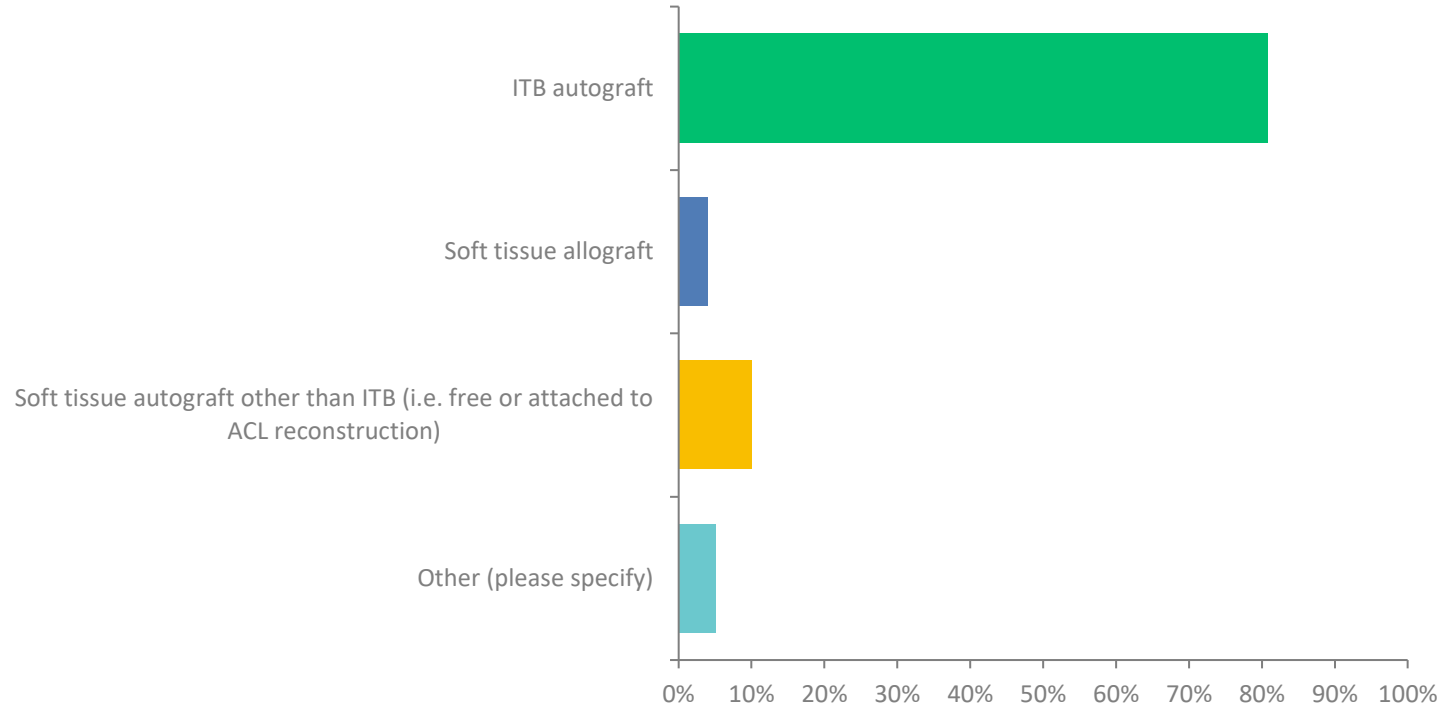
Q56: How often do you use extra-articular augmentation(i.e. LET, ALL reconstruction) during revision ACL reconstruction?

Answered: 103 Skipped: 9

ANSWER CHOICES	RESPONSES	
Always	28.16%	29
Usually	31.07%	32
Sometimes	20.39%	21
Rarely	7.77%	8
Never	12.62%	13
TOTAL		103

Q57: For lateral extra-articular augmentation (i.e. LET/ALL reconstruction), my graft of choice is:

Answered: 99 Skipped: 13



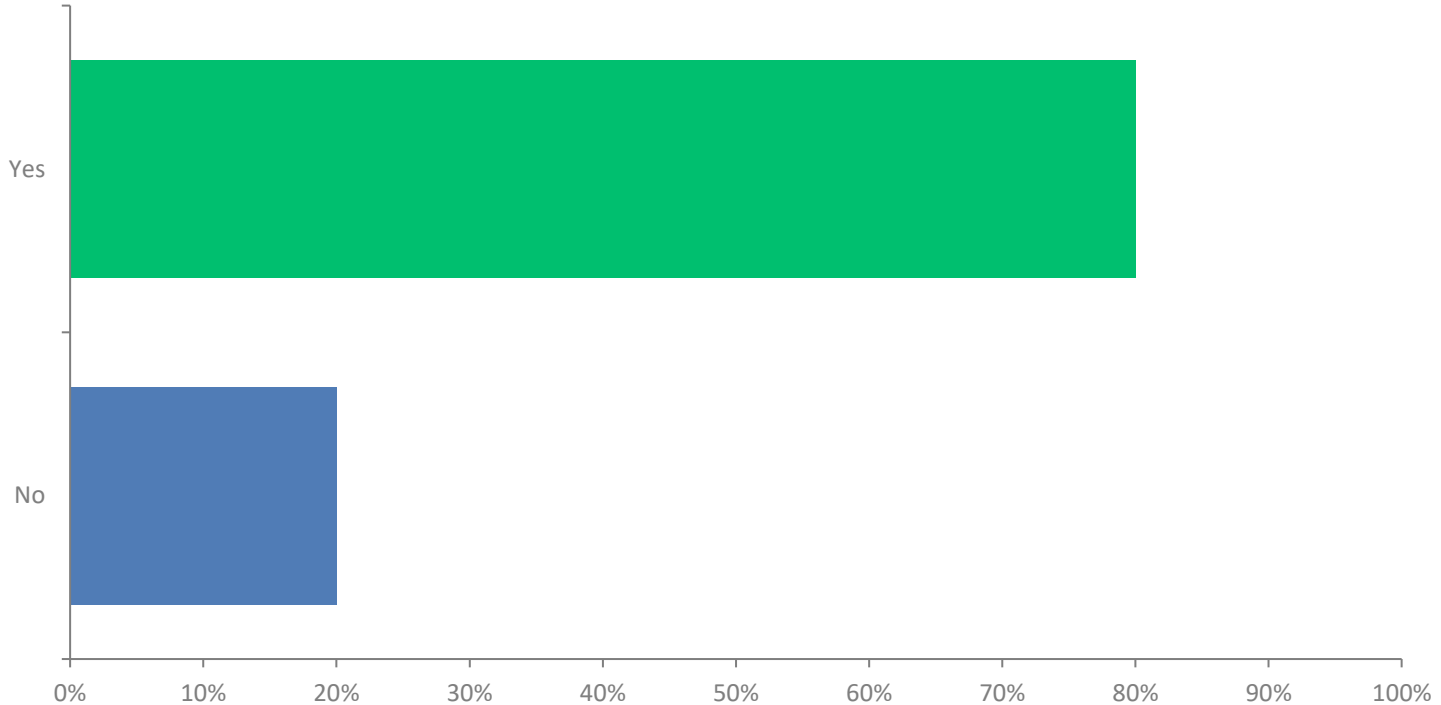
Q57: For lateral extra-articular augmentation (i.e. LET/ALL reconstruction), my graft of choice is:

Answered: 99 Skipped: 13

ANSWER CHOICES	RESPONSES	
ITB autograft	80.81%	80
Soft tissue allograft	4.04%	4
Soft tissue autograft other than ITB (i.e. free or attached to ACL reconstruction)	10.10%	10
Other (please specify)	5.05%	5
TOTAL		99

reconstruction), do you think it is important to pass the graft underneath the lateral collateral ligament (LCL)?

Answered: 100 Skipped: 12



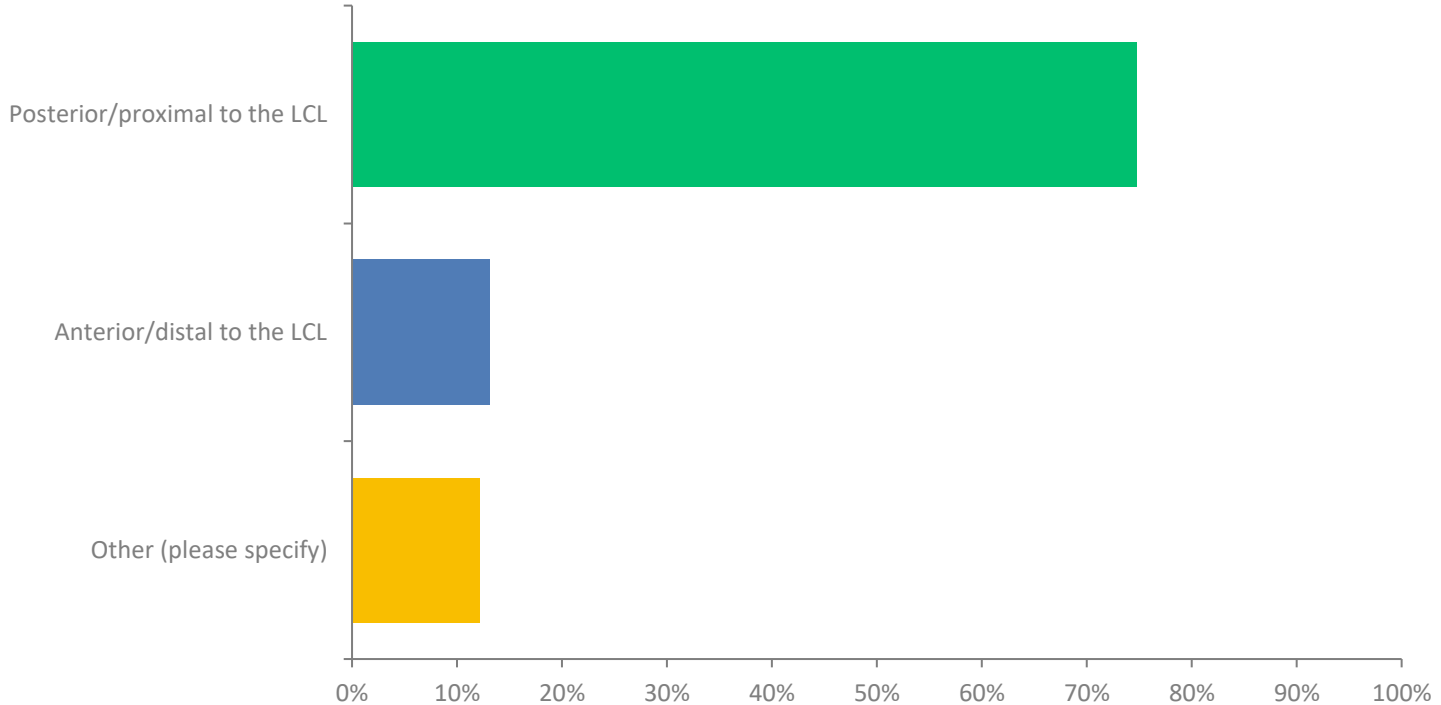
reconstruction), do you think it is important to pass the graft underneath the lateral collateral ligament (LCL)?

Answered: 100 Skipped: 12

ANSWER CHOICES	RESPONSES	
Yes	80.0%	80
No	20.0%	20
TOTAL		100

Q59: For lateral extra-articular augmentation (i.e. LET/ALL reconstruction), where is the best location on the femoral side?

Answered: 99 Skipped: 13



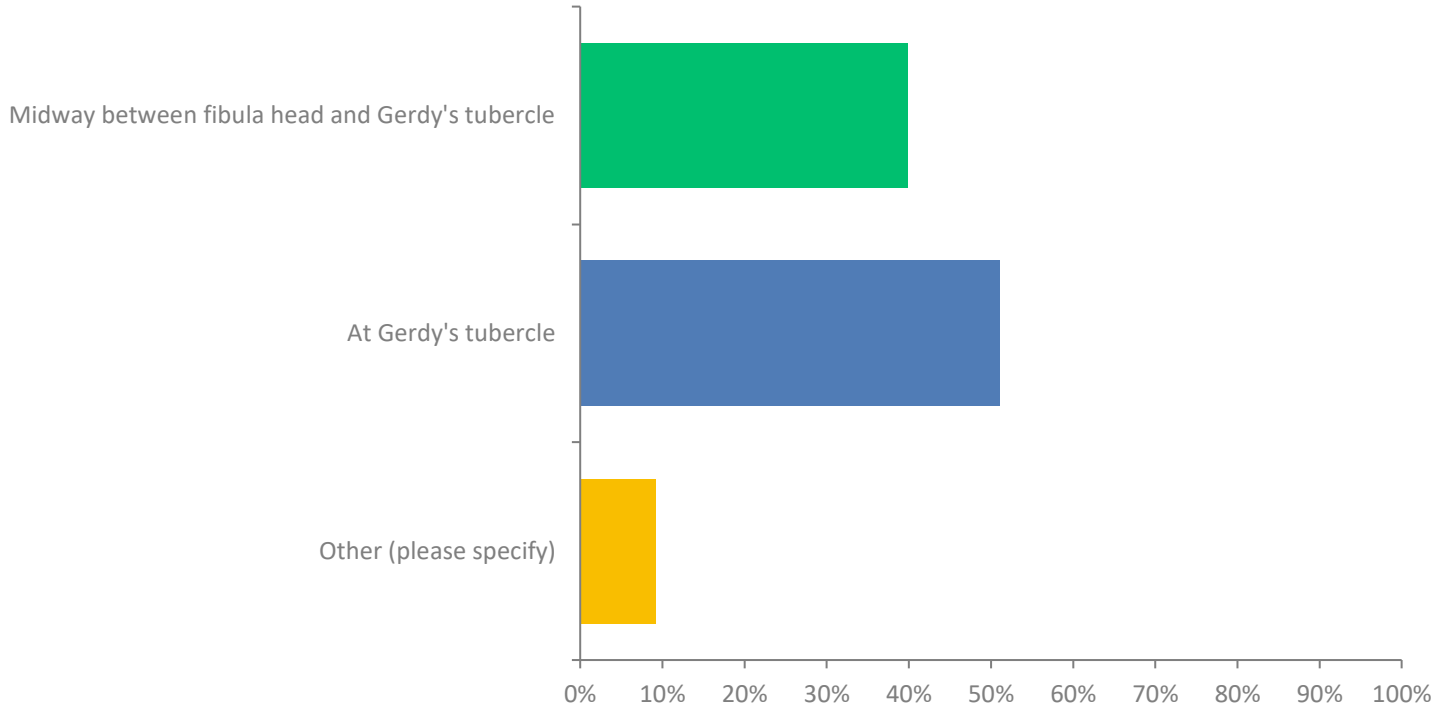
Q59: For lateral extra-articular augmentation (i.e. LET/ALL reconstruction), where is the best location on the femoral side?

Answered: 99 Skipped: 13

ANSWER CHOICES	RESPONSES	
Posterior/proximal to the LCL	74.75%	74
Anterior/distal to the LCL	13.13%	13
Other (please specify)	12.12%	12
TOTAL		99

Q60: For lateral extra-articular augmentation (i.e. LET/ALL reconstruction), where is the best location on the tibial side?

Answered: 98 Skipped: 14



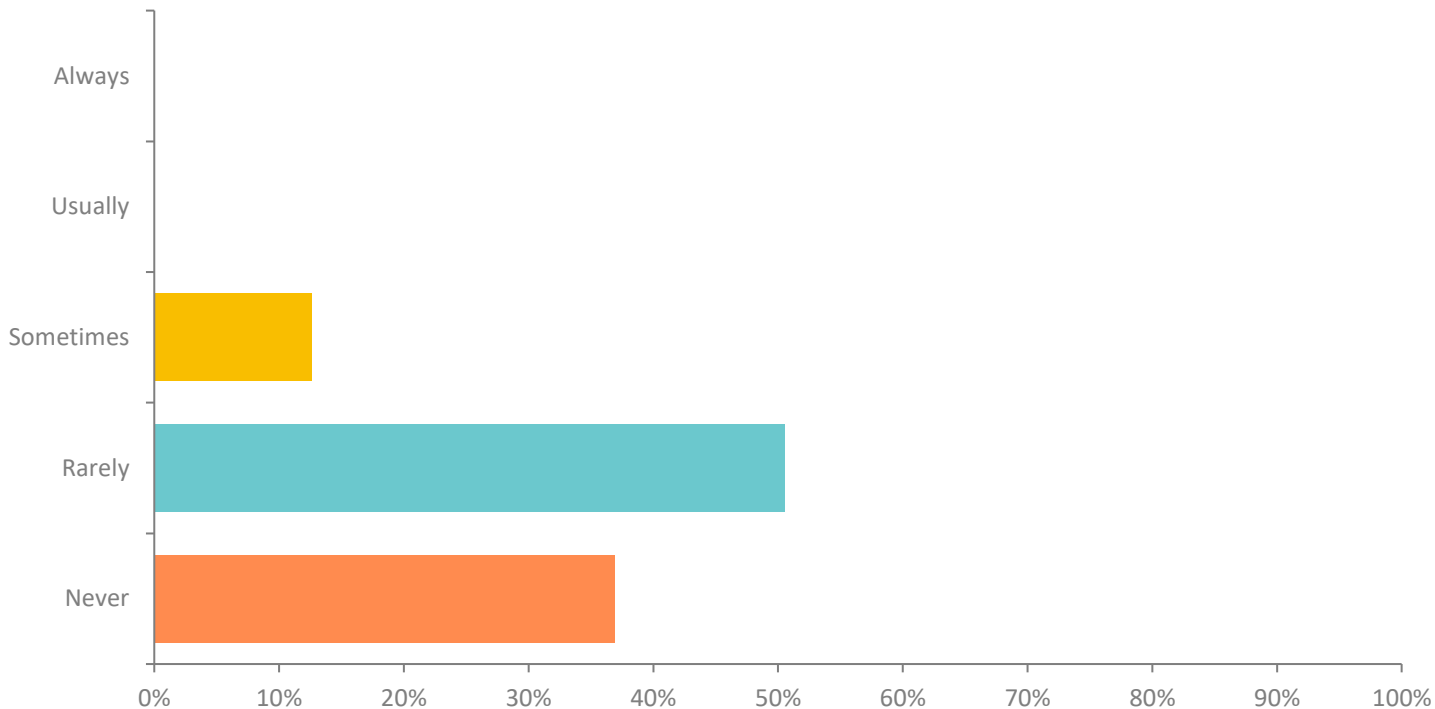
Q60: For lateral extra-articular augmentation (i.e. LET/ALL reconstruction), where is the best location on the tibial side?

Answered: 98 Skipped: 14

ANSWER CHOICES	RESPONSES	
Midway between fibula head and Gerdy's tubercle	39.80%	39
At Gerdy's tubercle	51.02%	50
Other (please specify)	9.18%	9
TOTAL		98

Q61: How often are you doing alignment correction during primary ACL reconstruction?

Answered: 103 Skipped: 9



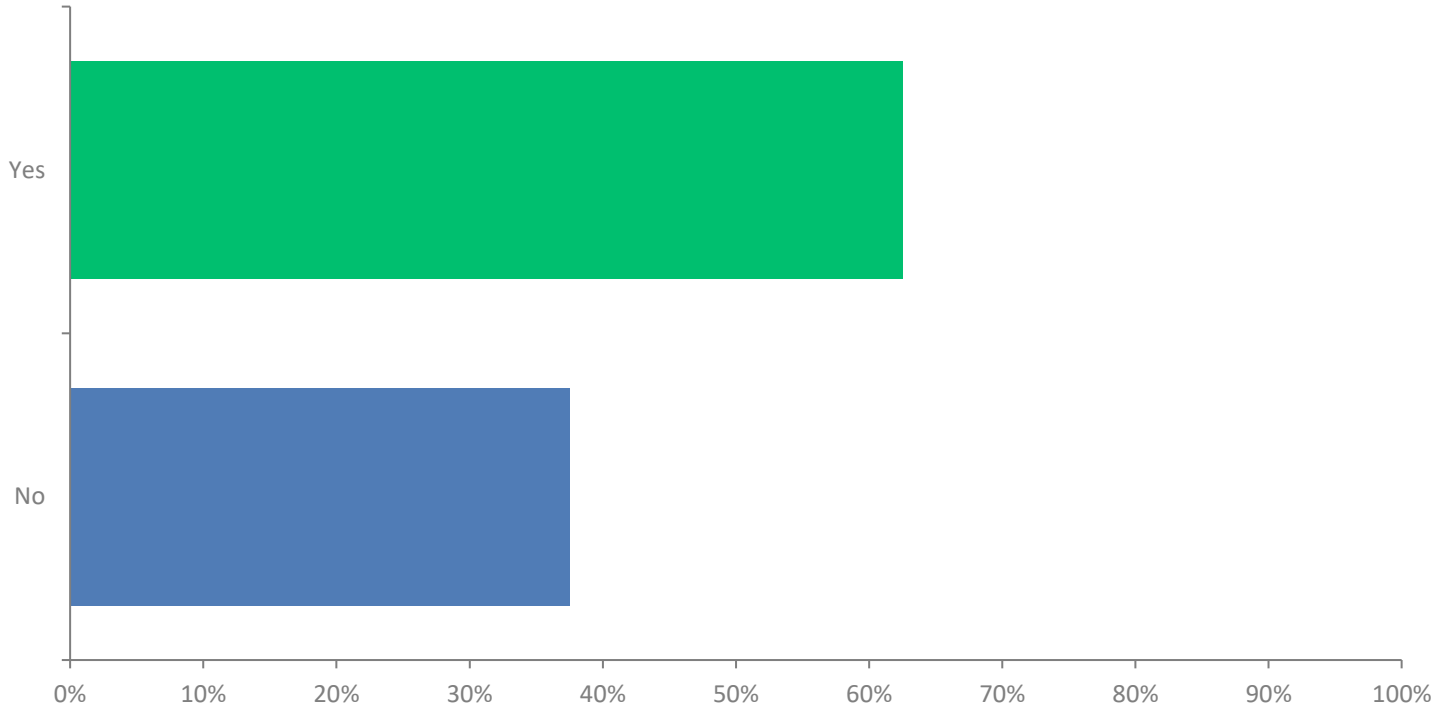
Q61: How often are you doing alignment correction during primary ACL reconstruction?

Answered: 103 Skipped: 9

ANSWER CHOICES	RESPONSES	
Always	0%	0
Usually	0%	0
Sometimes	12.62%	13
Rarely	50.49%	52
Never	36.89%	38
TOTAL		103

Q62: Do you think strict coronal plane alignment correction (i.e., HTO/DFO) is important during revision ACL reconstruction?

Answered: 104 Skipped: 8



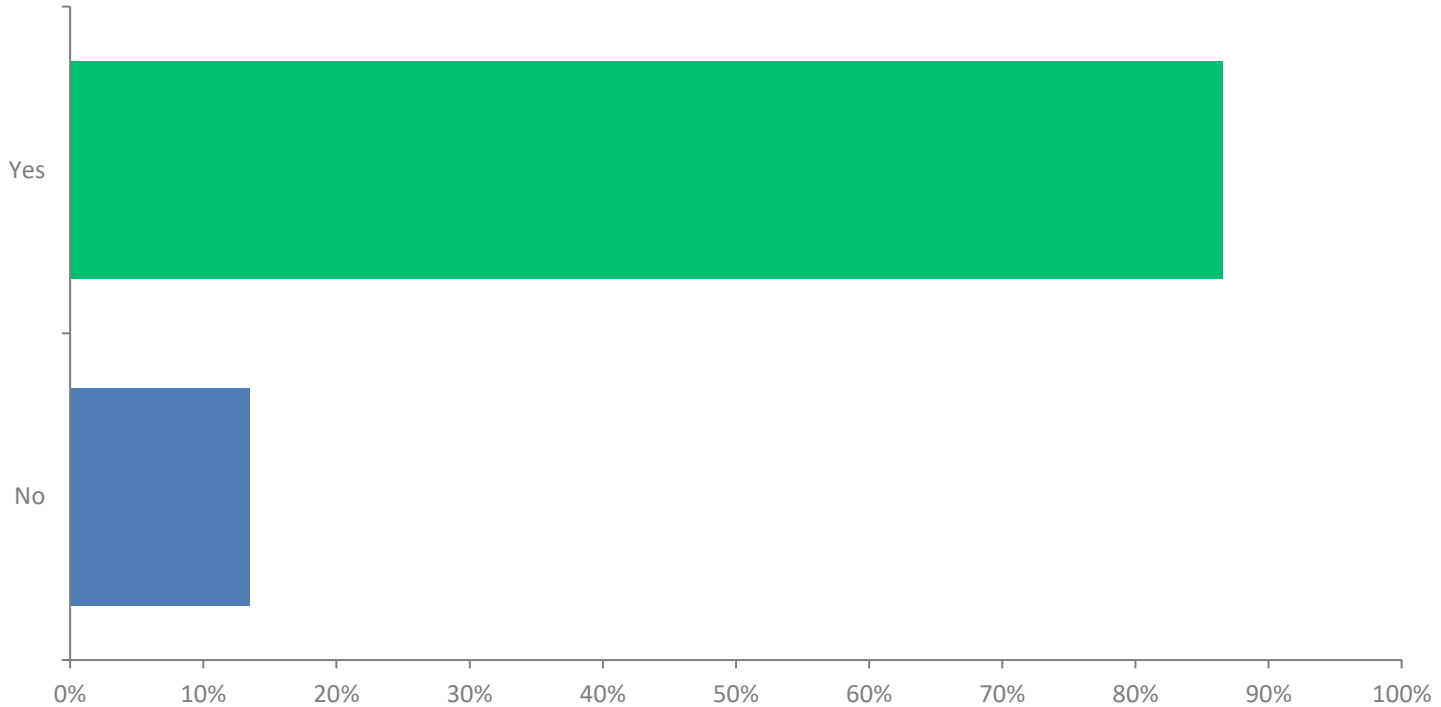
Q62: Do you think strict coronal plane alignment correction (i.e., HTO/DFO) is important during revision ACL reconstruction?

Answered: 104 Skipped: 8

ANSWER CHOICES	RESPONSES	
Yes	62.50%	65
No	37.50%	39
TOTAL		104

Q63: Do you believe increased tibial slope plays an important role in the failure of primary ACL reconstruction?

Answered: 104 Skipped: 8



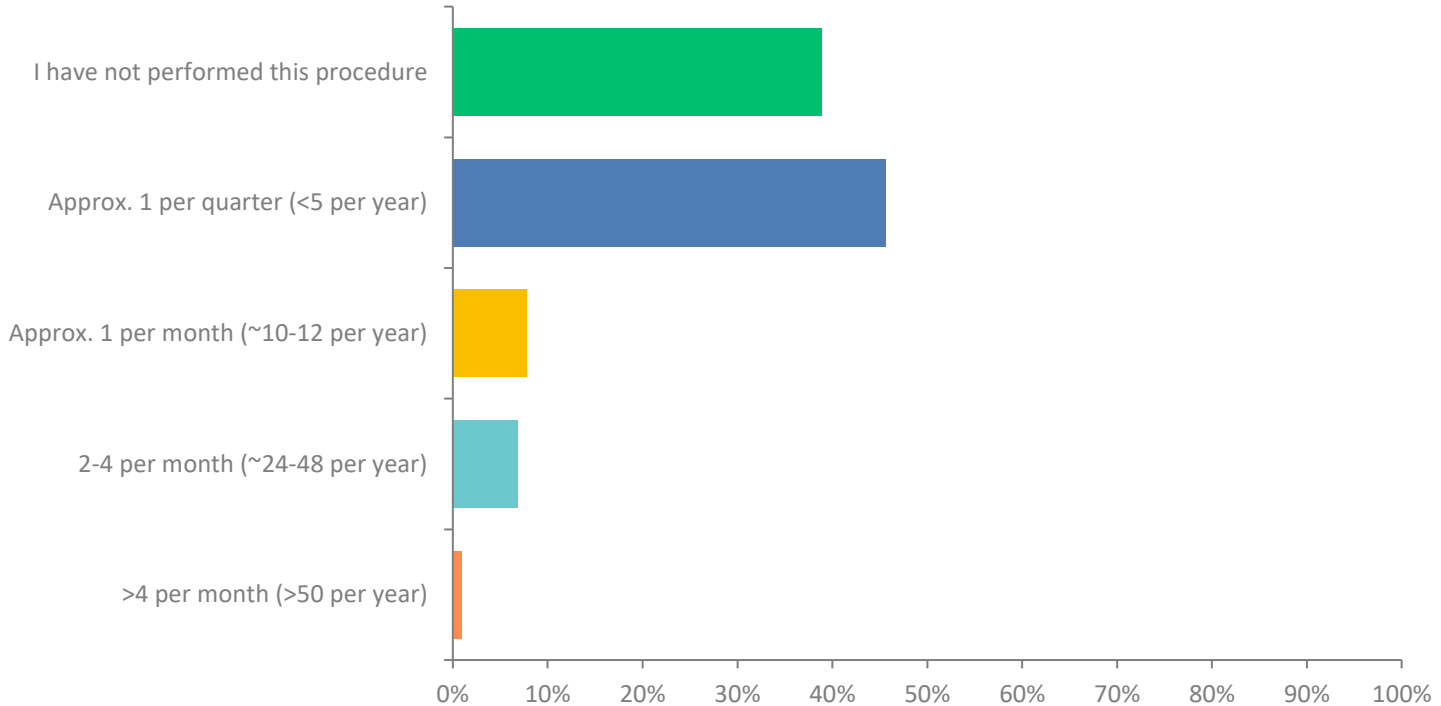
Q63: Do you believe increased tibial slope plays an important role in the failure of primary ACL reconstruction?

Answered: 104 Skipped: 8

ANSWER CHOICES	RESPONSES	
Yes	86.54%	90
No	13.46%	14
TOTAL		104

Q64: How many slope decreasing osteotomies (isolated or combined HTO/slope) do you perform in a year?

Answered: 103 Skipped: 9



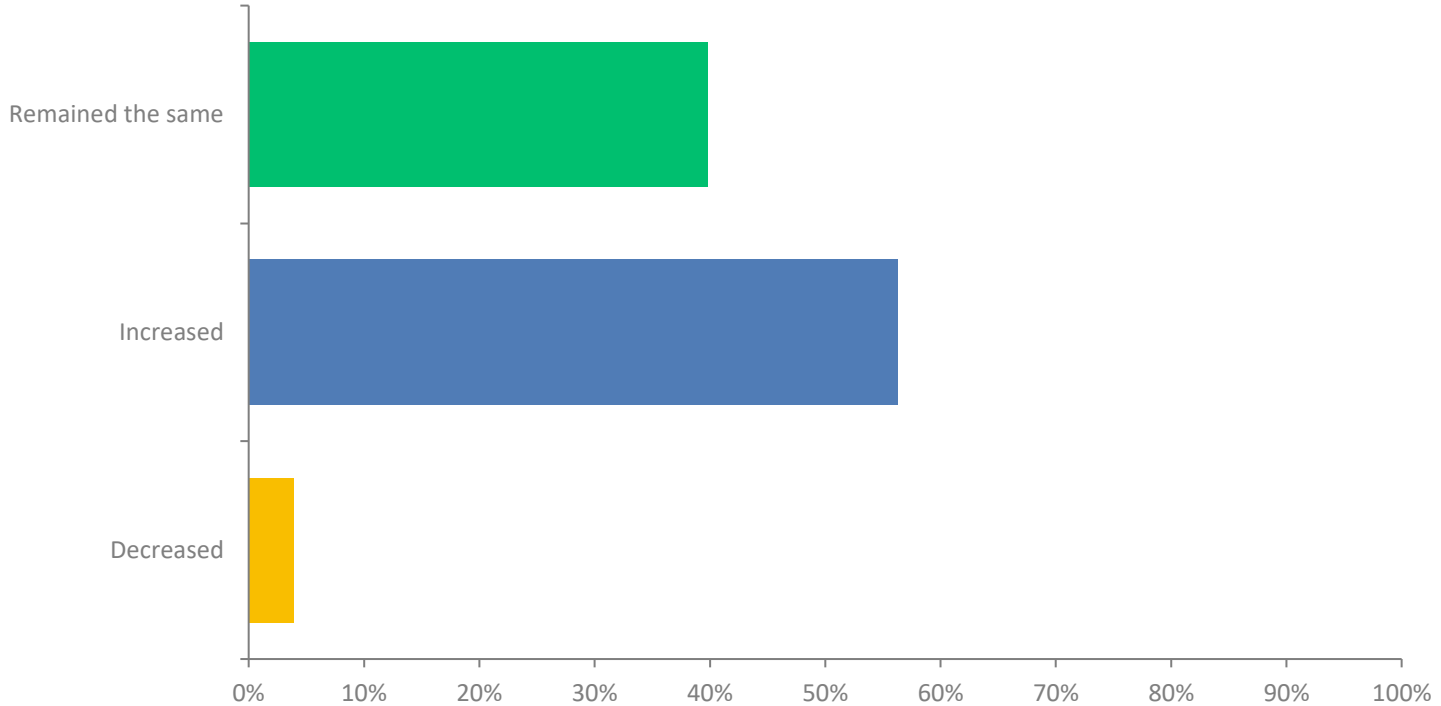
Q64: How many slope decreasing osteotomies (isolated or combined HTO/slope) do you perform in a year?

Answered: 103 Skipped: 9

ANSWER CHOICES	RESPONSES	
I have not performed this procedure	38.83%	40
Approx. 1 per quarter (<5 per year)	45.63%	47
Approx. 1 per month (~10-12 per year)	7.77%	8
2-4 per month (~24-48 per year)	6.80%	7
>4 per month (>50 per year)	0.97%	1
TOTAL		103

Q65: In the past 5 years, the number of concomitant meniscus repairs I perform alongside ACL reconstruction has:

Answered: 103 Skipped: 9



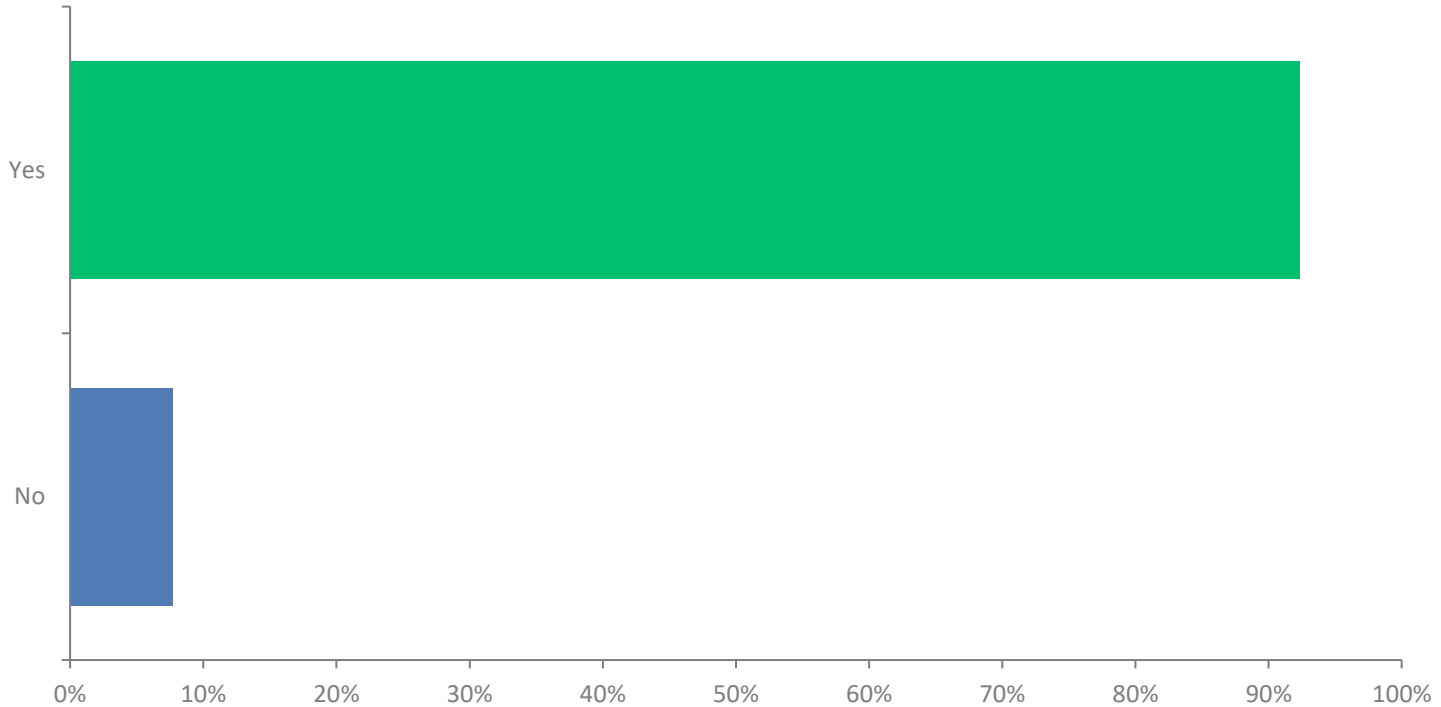
Q65: In the past 5 years, the number of concomitant meniscus repairs I perform alongside ACL reconstruction has:

Answered: 103 Skipped: 9

ANSWER CHOICES	RESPONSES	
Remained the same	39.81%	41
Increased	56.31%	58
Decreased	3.88%	4
TOTAL		103

Q66: Do you believe medial and/or lateral meniscal deficiency play an important role in failure of primary ACL reconstruction?

Answered: 104 Skipped: 8



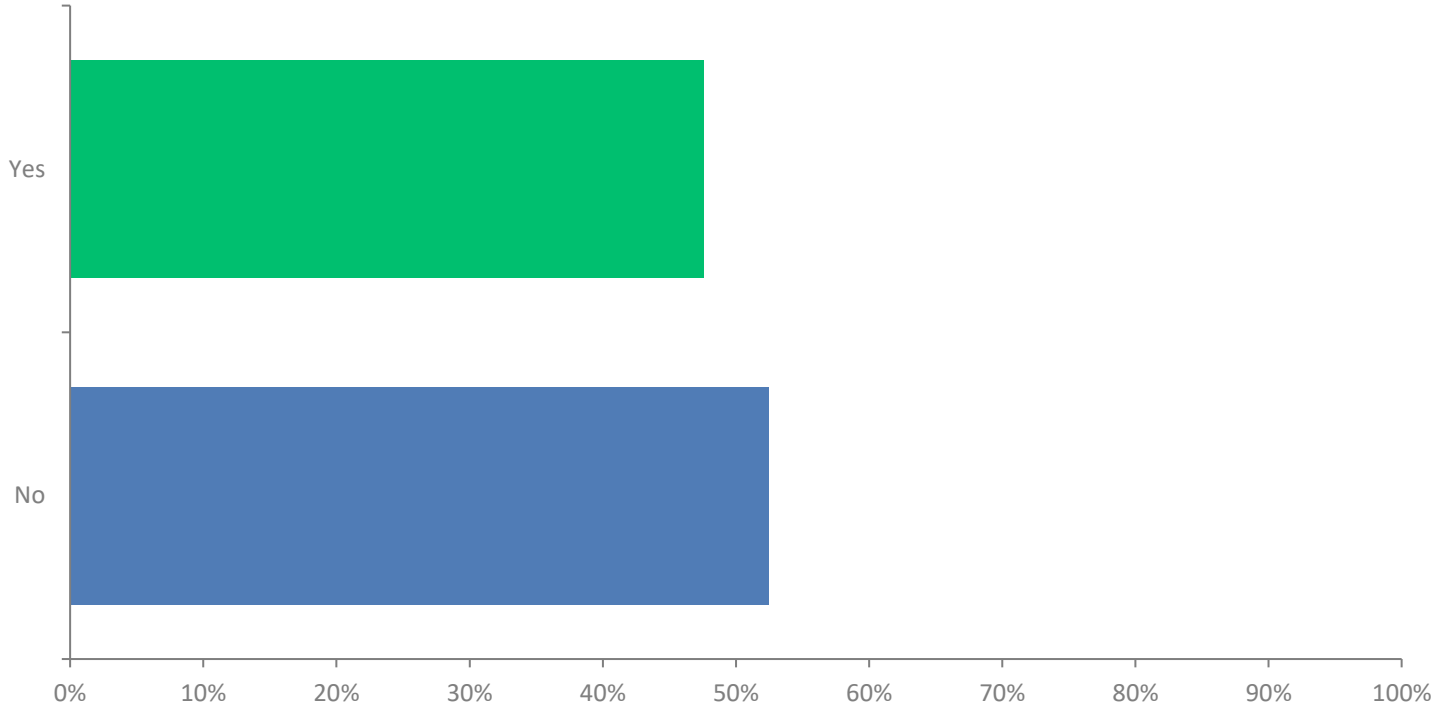
Q66: Do you believe medial and/or lateral meniscal deficiency play an important role in failure of primary ACL reconstruction?

Answered: 104 Skipped: 8

ANSWER CHOICES	RESPONSES	
Yes	92.31%	96
No	7.69%	8
TOTAL		104

substitution (i.e., CMI, Actifit) or meniscal allograft transplantation procedure?

Answered: 103 Skipped: 9



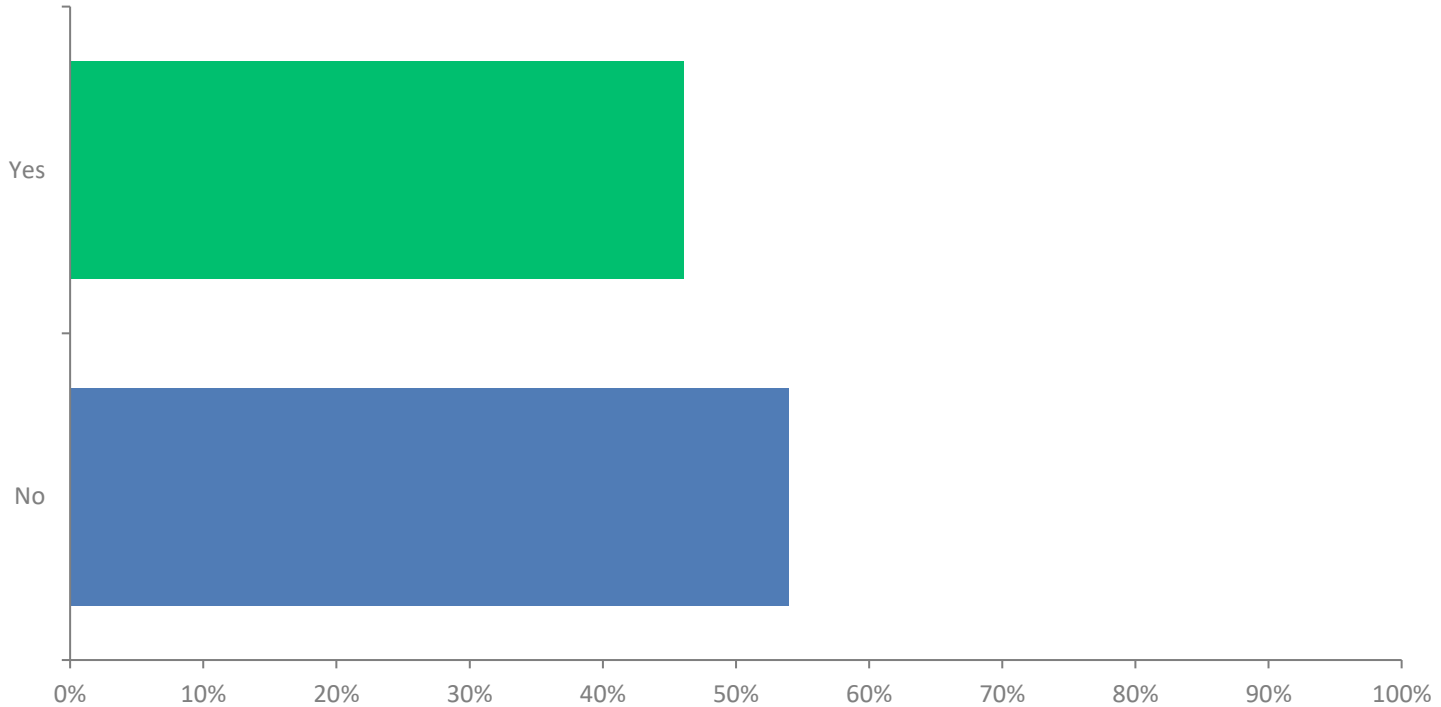
substitution (i.e., CMI, Actifit) or meniscal allograft transplantation procedure?

Answered: 103 Skipped: 9

ANSWER CHOICES	RESPONSES	
Yes	47.57%	49
No	52.43%	54
TOTAL		103

Q68: Would you return an athlete to impact sport after combined ACL reconstruction and meniscus transplant?

Answered: 102 Skipped: 10



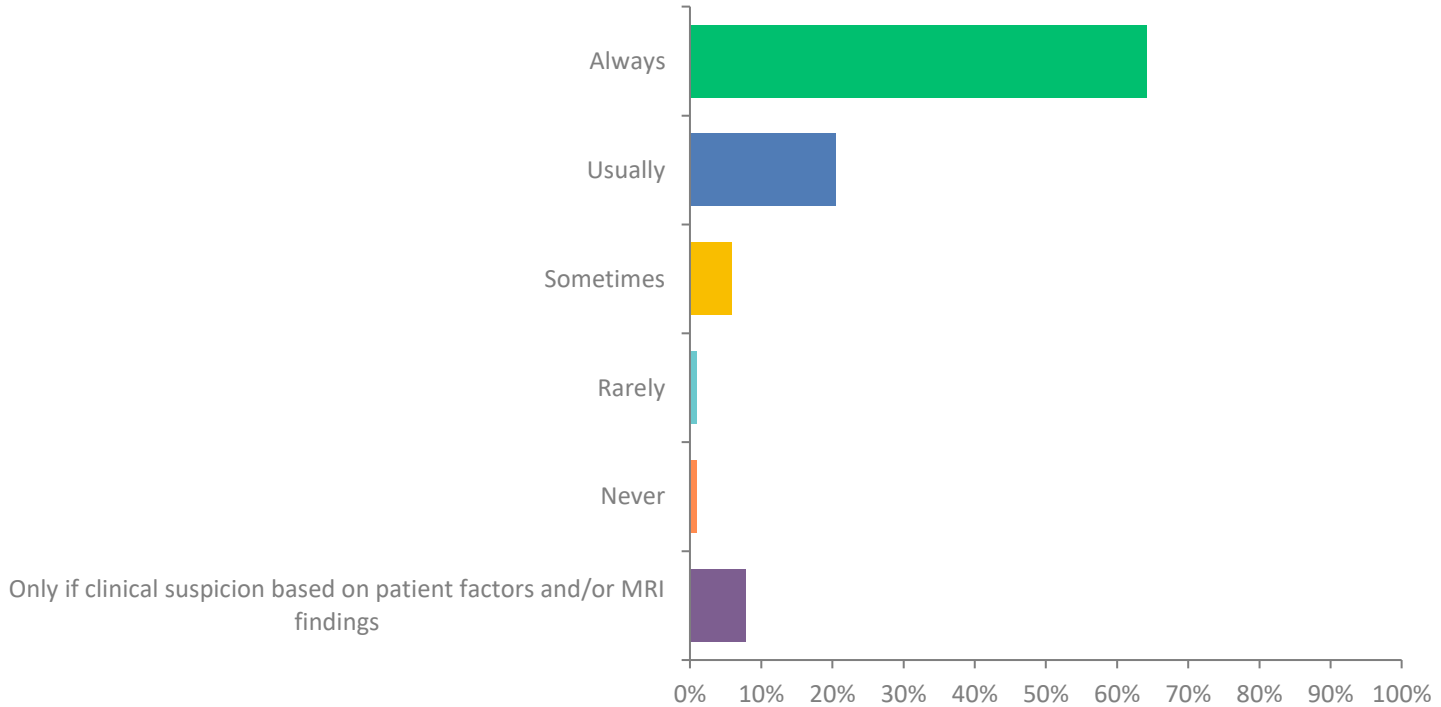
Q68: Would you return an athlete to impact sport after combined ACL reconstruction and meniscus transplant?

Answered: 102 Skipped: 10

ANSWER CHOICES	RESPONSES	
Yes	46.08%	47
No	53.92%	55
TOTAL		102

Q69: Do you routinely look for meniscus ramp lesions during ACL reconstruction?

Answered: 103 Skipped: 9



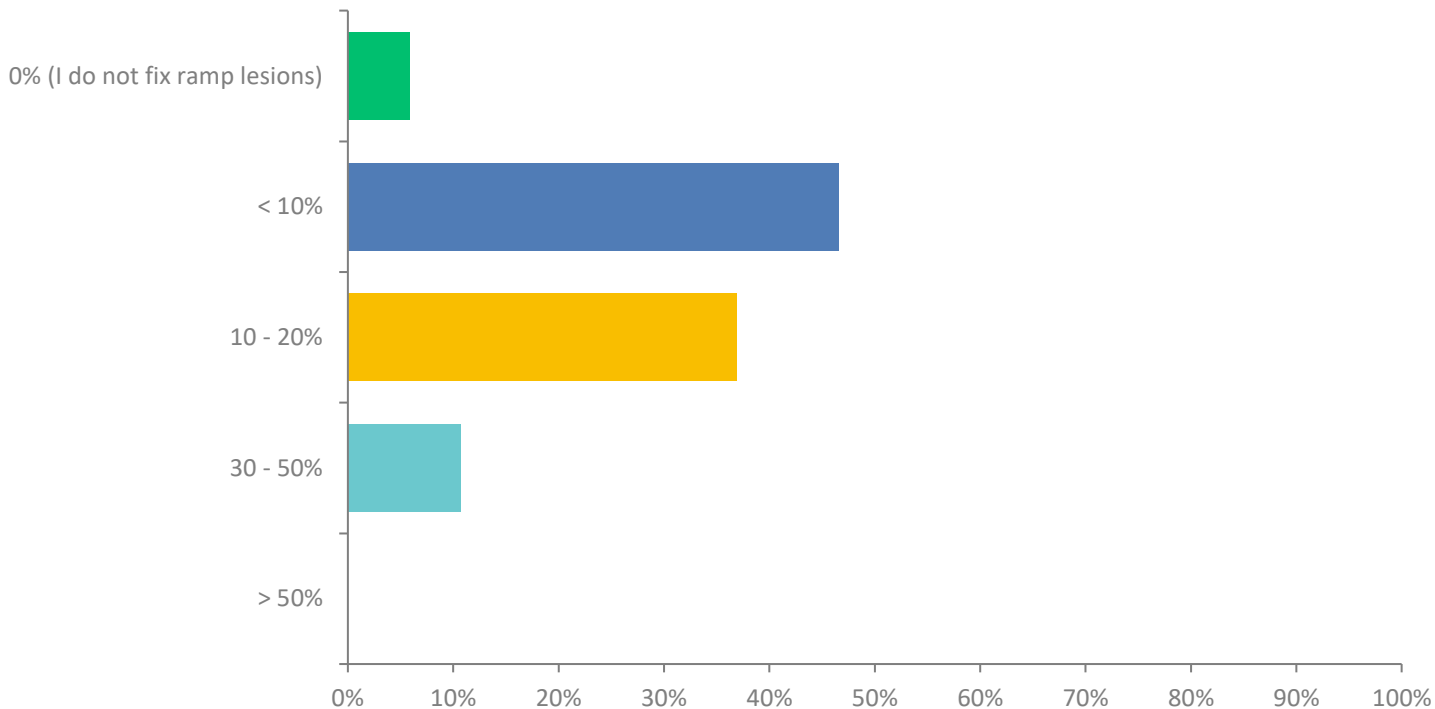
Q69: Do you routinely look for meniscus ramp lesions during ACL reconstruction?

Answered: 103 Skipped: 9

ANSWER CHOICES	RESPONSES	
Always	64.08%	66
Usually	20.39%	21
Sometimes	5.83%	6
Rarely	0.97%	1
Never	0.97%	1
Only if clinical suspicion based on patient factors and/or MRI findings	7.77%	8
TOTAL		103

Q70: The approximate percentage of ACL reconstructions in your practice that require concomitant meniscus ramp repair is:

Answered: 103 Skipped: 9



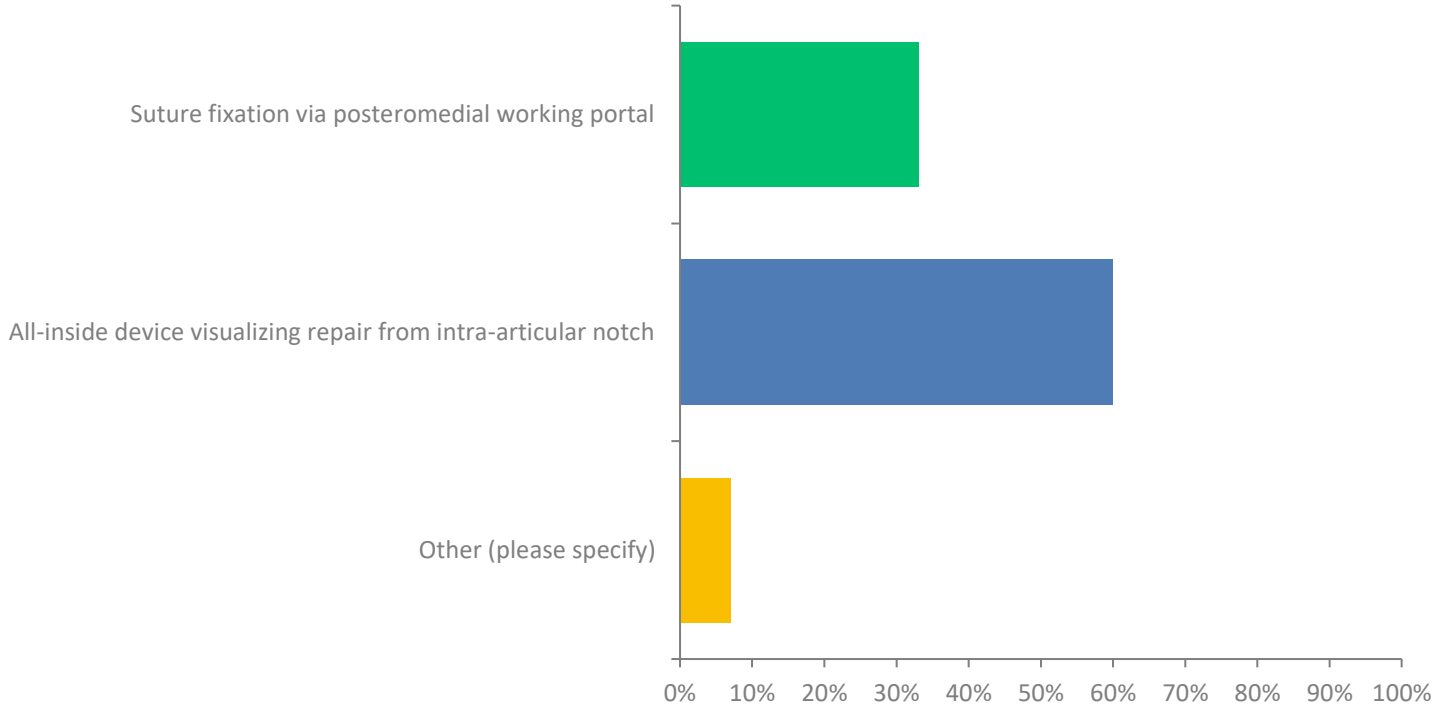
Q70: The approximate percentage of ACL reconstructions in your practice that require concomitant meniscus ramp repair is:

Answered: 103 Skipped: 9

ANSWER CHOICES	RESPONSES	
0% (I do not fix ramp lesions)	5.83%	6
< 10%	46.60%	48
10 - 20%	36.89%	38
30 - 50%	10.68%	11
> 50%	0%	0
TOTAL		103

Q71: When fixing a meniscus ramp lesion, I prefer to utilize:

Answered: 100 Skipped: 12



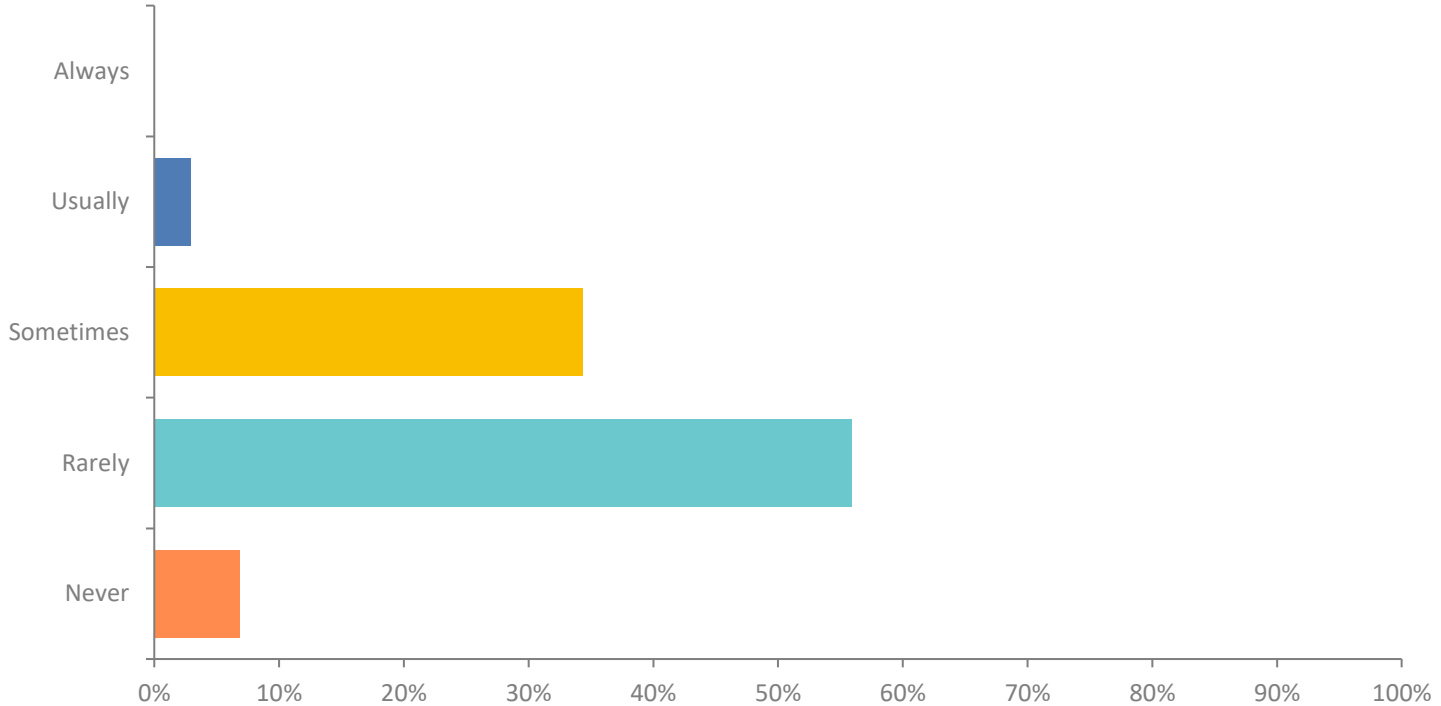
Q71: When fixing a meniscus ramp lesion, I prefer to utilize:

Answered: 100 Skipped: 12

ANSWER CHOICES	RESPONSES	
Suture fixation via posteromedial working portal	33.00%	33
All-inside device visualizing repair from intra-articular notch	60.0%	60
Other (please specify)	7.00%	7
TOTAL		100

Q72: How often do you perform a cartilage procedure (other than chondroplasty) during primary ACL reconstruction?

Answered: 102 Skipped: 10



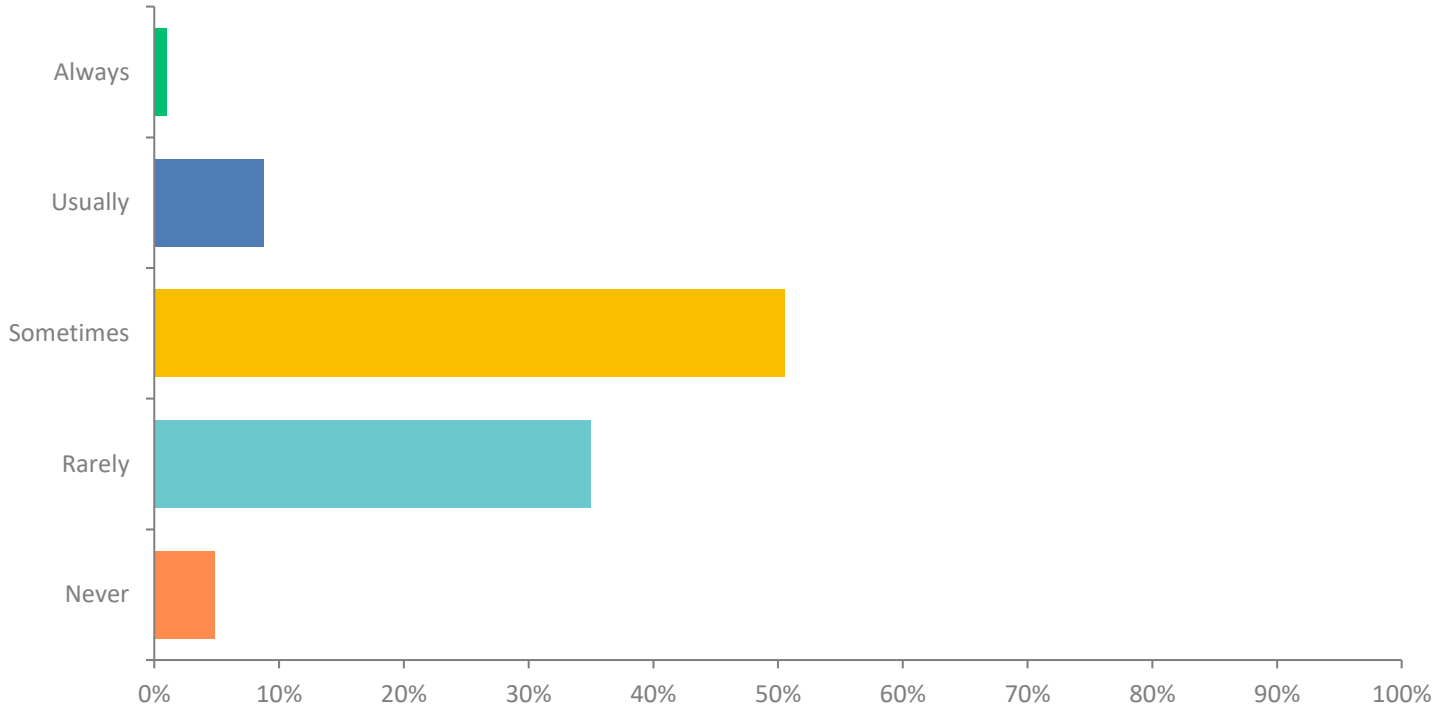
Q72: How often do you perform a cartilage procedure (other than chondroplasty) during primary ACL reconstruction?

Answered: 102 Skipped: 10

ANSWER CHOICES	RESPONSES	
Always	0%	0
Usually	2.94%	3
Sometimes	34.31%	35
Rarely	55.88%	57
Never	6.86%	7
TOTAL		102

Q73: How often do you perform a cartilage procedure (other than chondroplasty) during revision ACL reconstruction?

Answered: 103 Skipped: 9



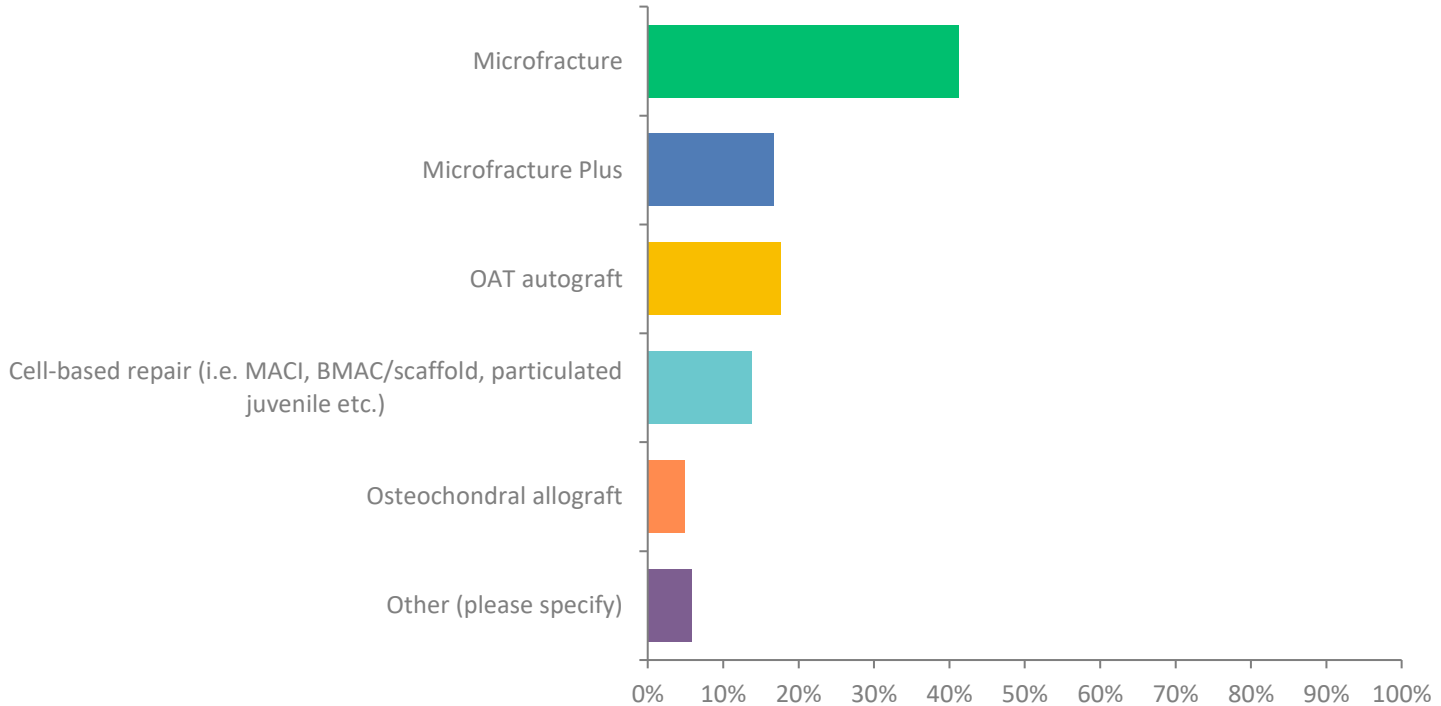
Q73: How often do you perform a cartilage procedure (other than chondroplasty) during revision ACL reconstruction?

Answered: 103 Skipped: 9

ANSWER CHOICES	RESPONSES	
Always	0.97%	1
Usually	8.74%	9
Sometimes	50.49%	52
Rarely	34.95%	36
Never	4.85%	5
TOTAL		103

Q74: When indicated, which cartilage restoration procedure do you most often use in combination with ACL reconstruction?

Answered: 102 Skipped: 10



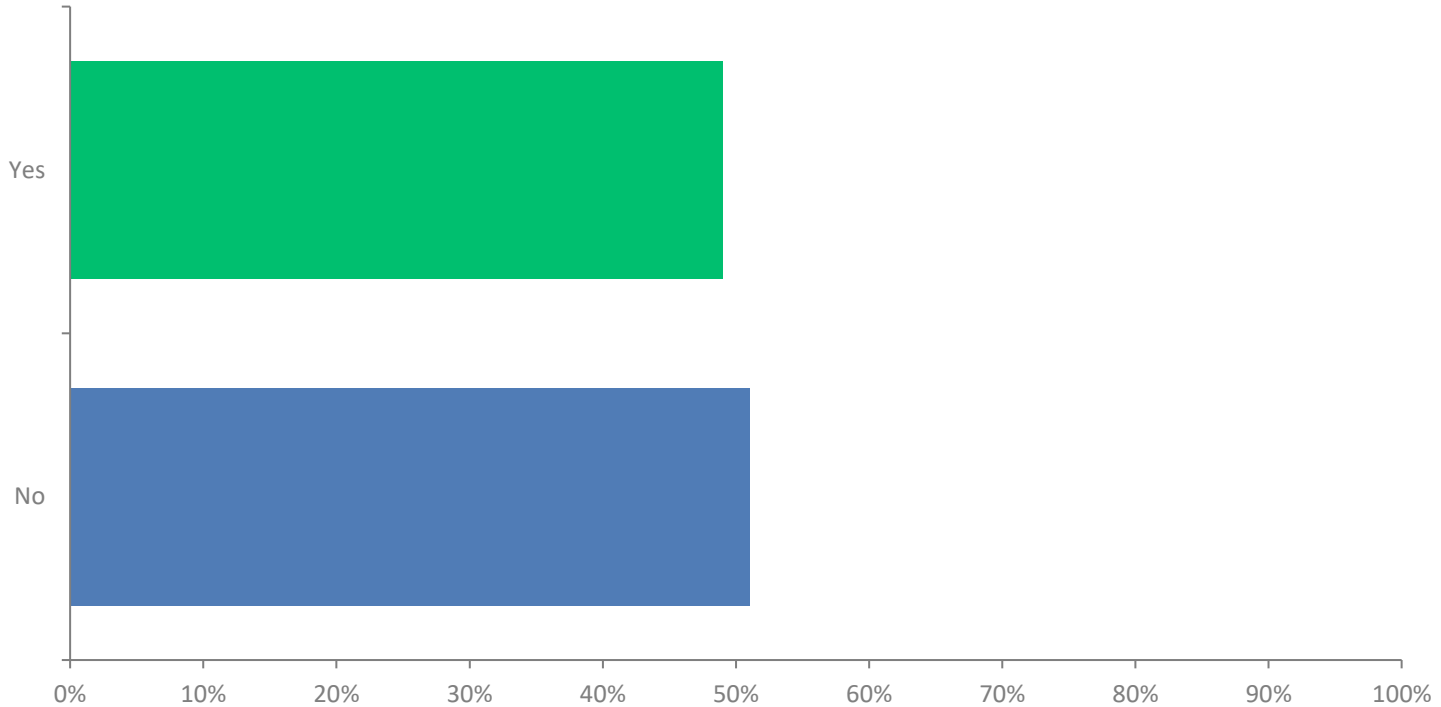
Q74: When indicated, which cartilage restoration procedure do you most often use in combination with ACL reconstruction?

Answered: 102 Skipped: 10

ANSWER CHOICES	RESPONSES	
Microfracture	41.18%	42
Microfracture Plus	16.67%	17
OAT autograft	17.65%	18
Cell-based repair (i.e. MACI, BMAC/scaffold, particulated juvenile etc.)	13.73%	14
Osteochondral allograft	4.90%	5
Other (please specify)	5.88%	6
TOTAL		102

Q75: Do you use an early post-operative brace following primary ACL reconstruction?

Answered: 102 Skipped: 10



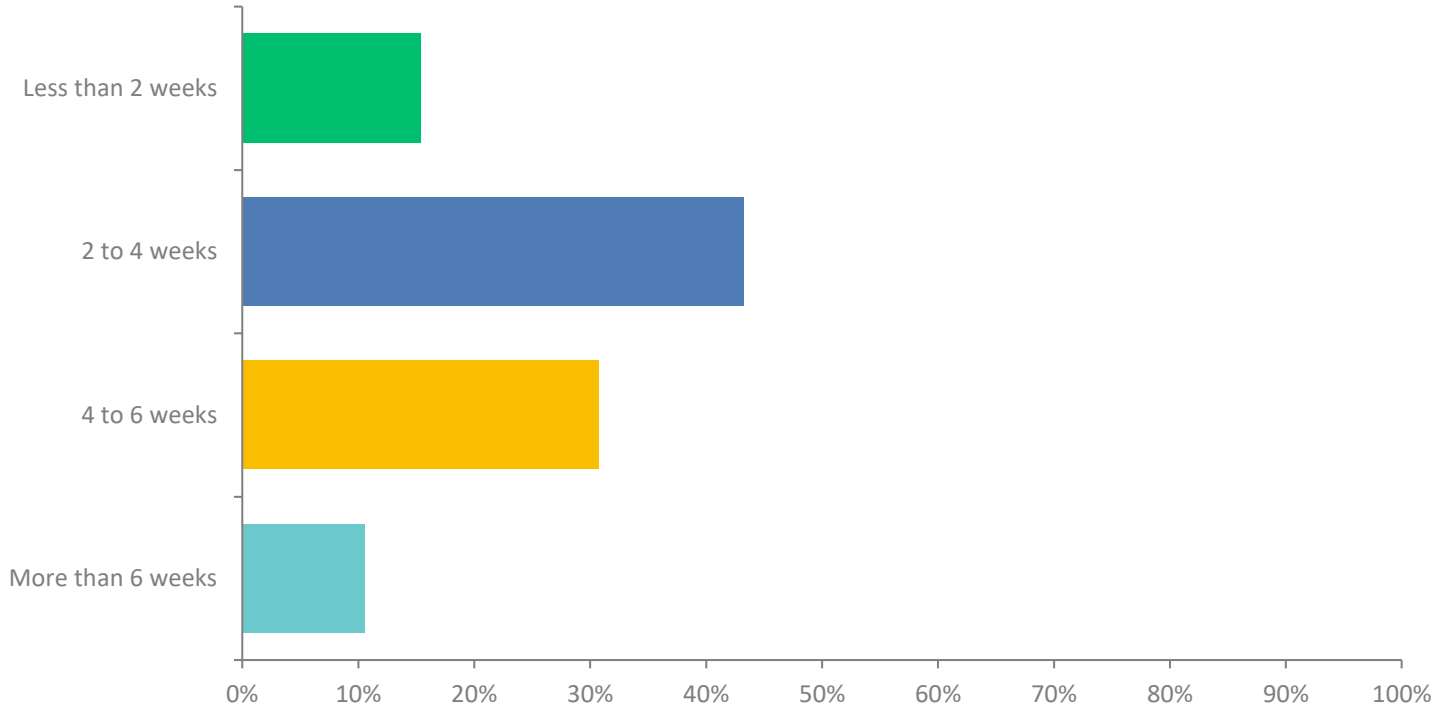
Q75: Do you use an early post-operative brace following primary ACL reconstruction?

Answered: 102 Skipped: 10

ANSWER CHOICES	RESPONSES	
Yes	49.02%	50
No	50.98%	52
TOTAL		102

Q76: When do you initiate stationary biking after primary ACL reconstruction?

Answered: 104 Skipped: 8



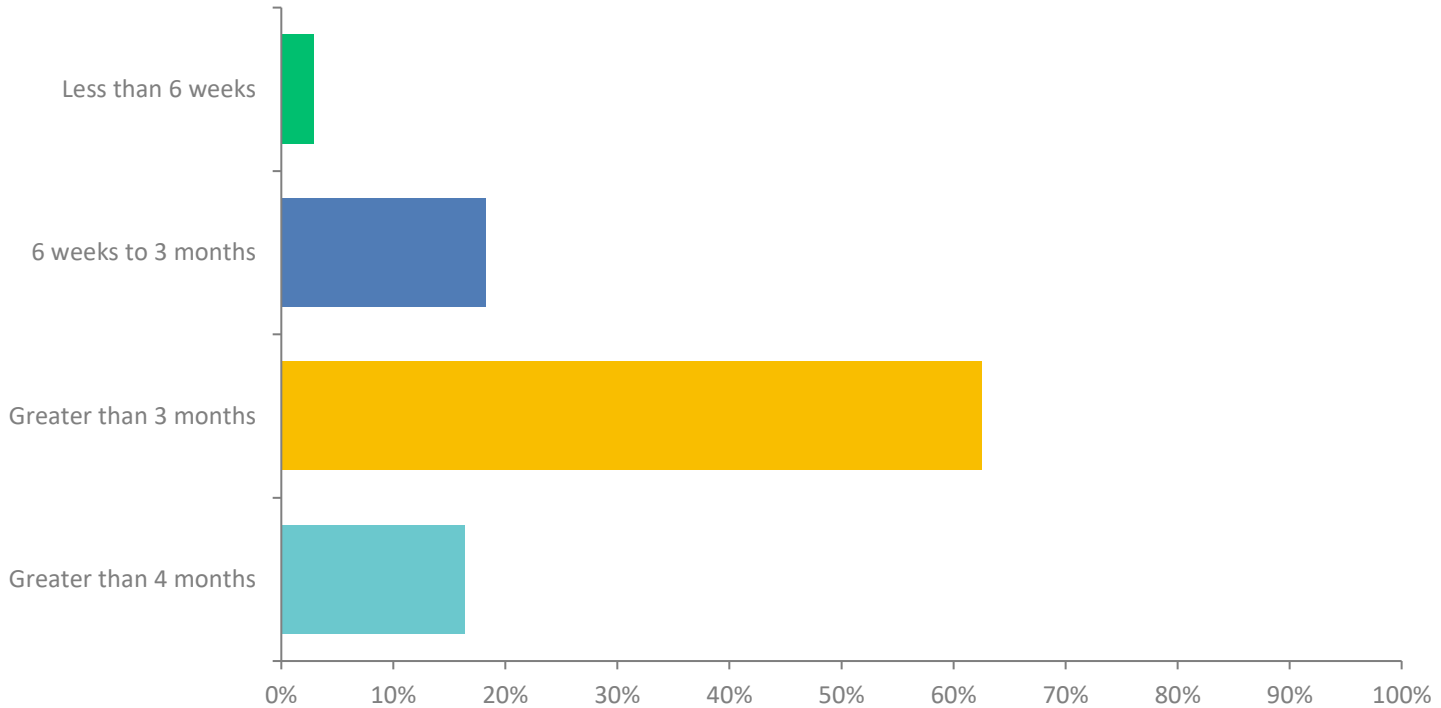
Q76: When do you initiate stationary biking after primary ACL reconstruction?

Answered: 104 Skipped: 8

ANSWER CHOICES	RESPONSES	
Less than 2 weeks	15.38%	16
2 to 4 weeks	43.27%	45
4 to 6 weeks	30.77%	32
More than 6 weeks	10.58%	11
TOTAL		104

Q77: When do you initiate jogging after primary ACL reconstruction?

Answered: 104 Skipped: 8



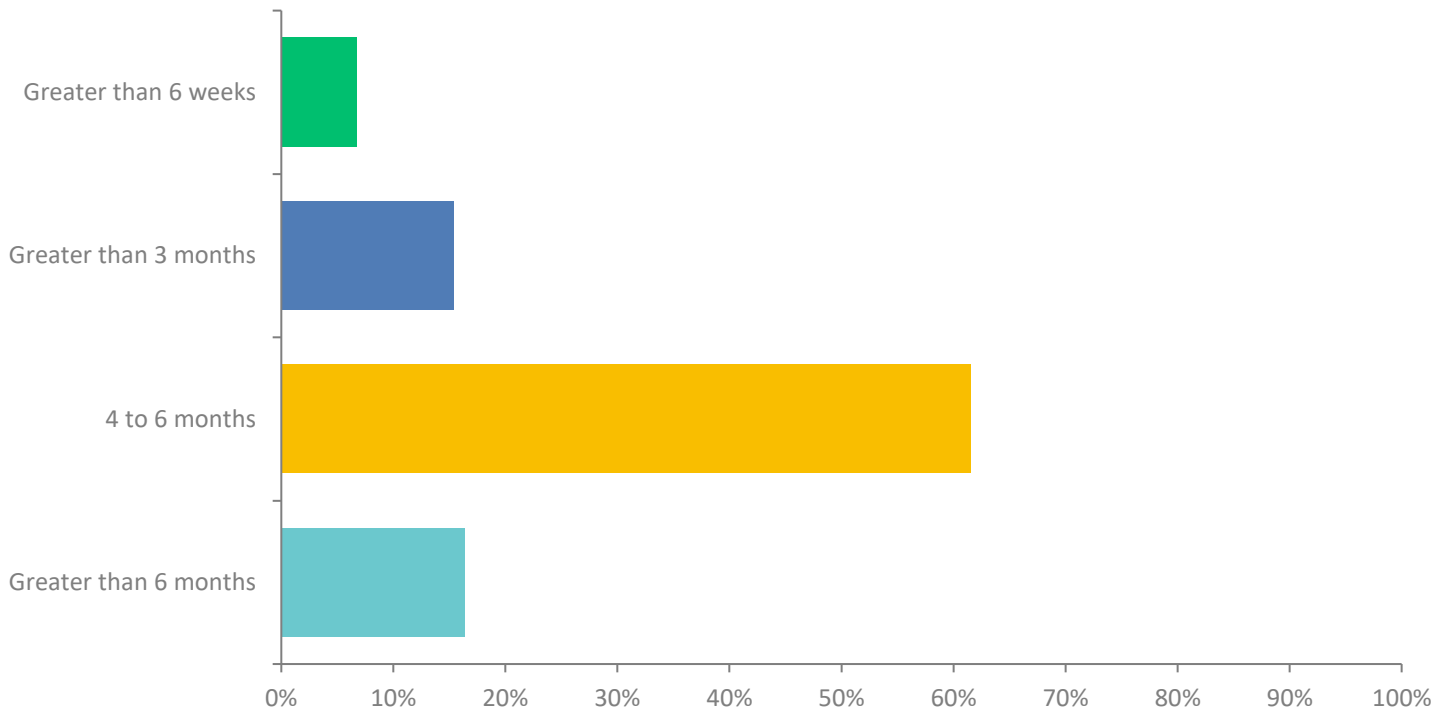
Q77: When do you initiate jogging after primary ACL reconstruction?

Answered: 104 Skipped: 8

ANSWER CHOICES	RESPONSES	
Less than 6 weeks	2.88%	3
6 weeks to 3 months	18.27%	19
Greater than 3 months	62.50%	65
Greater than 4 months	16.35%	17
TOTAL		104

Q78: When do you initiate lateral movements/agility training after primary ACL reconstruction?

Answered: 104 Skipped: 8



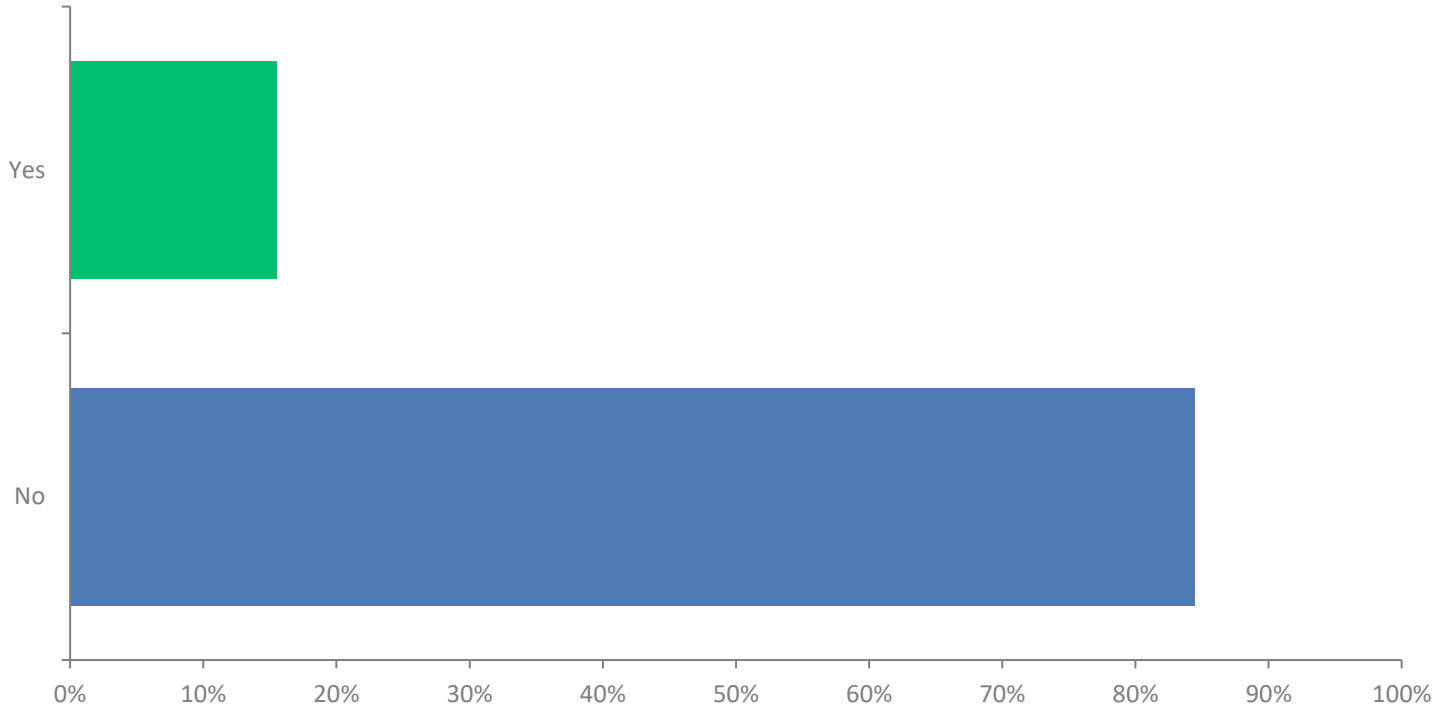
Q78: When do you initiate lateral movements/agility training after primary ACL reconstruction?

Answered: 104 Skipped: 8

ANSWER CHOICES	RESPONSES	
Greater than 6 weeks	6.73%	7
Greater than 3 months	15.38%	16
4 to 6 months	61.54%	64
Greater than 6 months	16.35%	17
TOTAL		104

Q79: 58. Do you use a functional brace for RTP following ACL Reconstruction?

Answered: 103 Skipped: 9



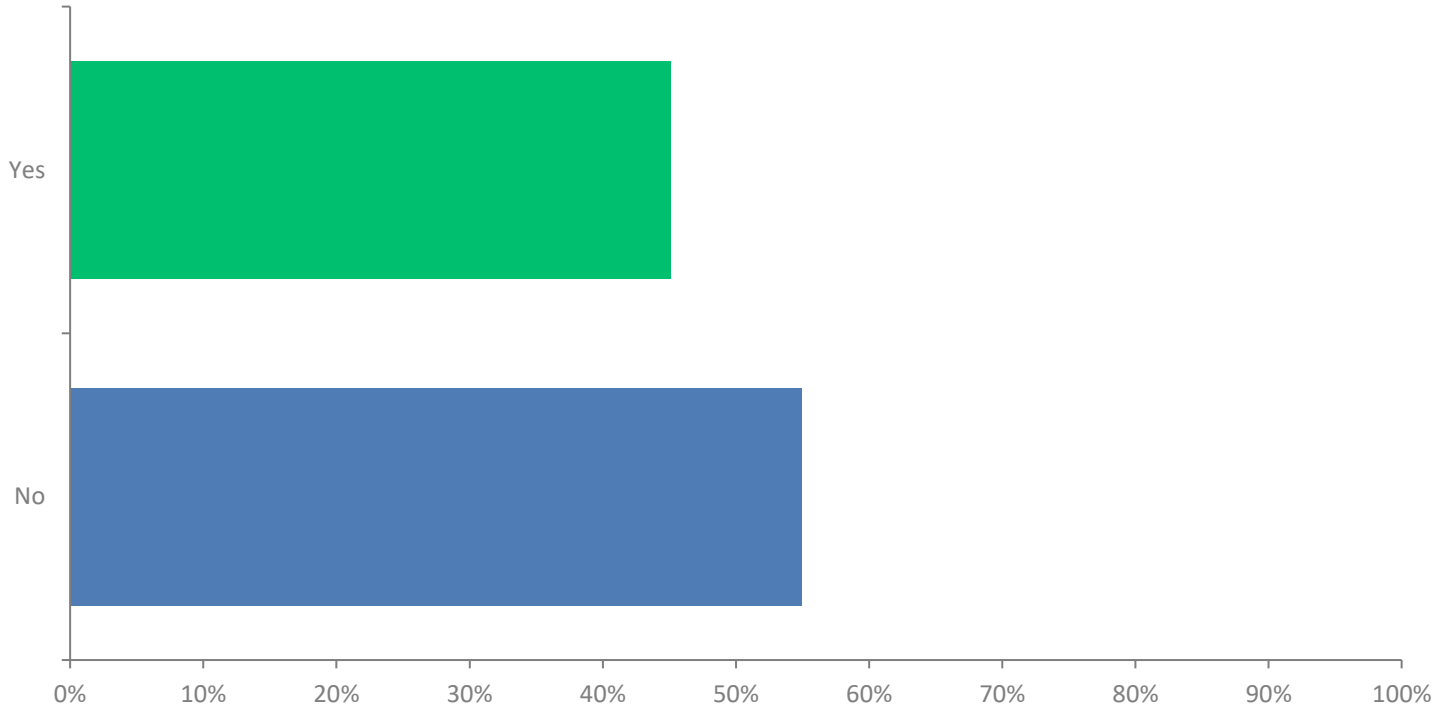
Q79: 58. Do you use a functional brace for RTP following ACL Reconstruction?

Answered: 103 Skipped: 9

ANSWER CHOICES	RESPONSES	
Yes	15.53%	16
No	84.47%	87
TOTAL		103

Q80: Do you think BFR (blood flow restriction) has a selective role in ACL rehabilitation following surgery?

Answered: 102 Skipped: 10



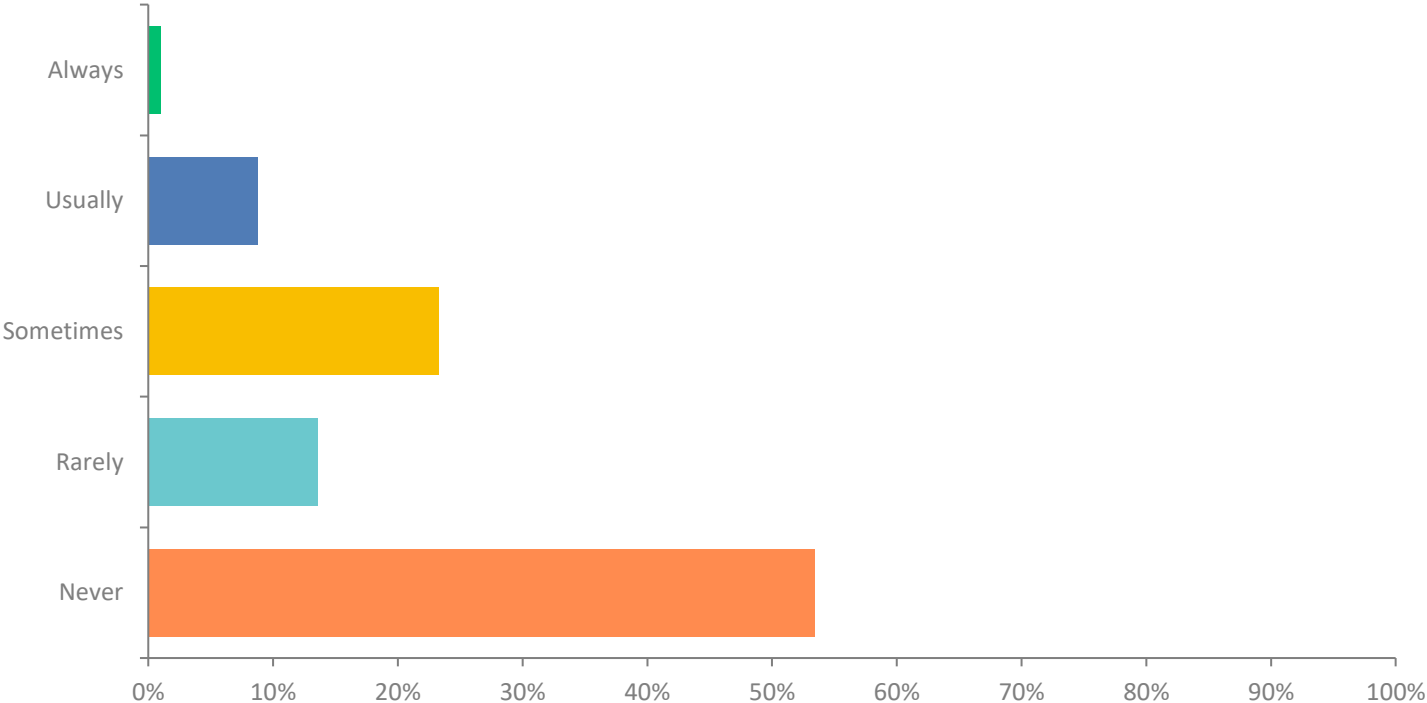
Q80: Do you think BFR (blood flow restriction) has a selective role in ACL rehabilitation following surgery?

Answered: 102 Skipped: 10

ANSWER CHOICES	RESPONSES	
Yes	45.10%	46
No	54.90%	56
TOTAL		102

Q81: How often do you utilize BFR in your practice?

Answered: 103 Skipped: 9



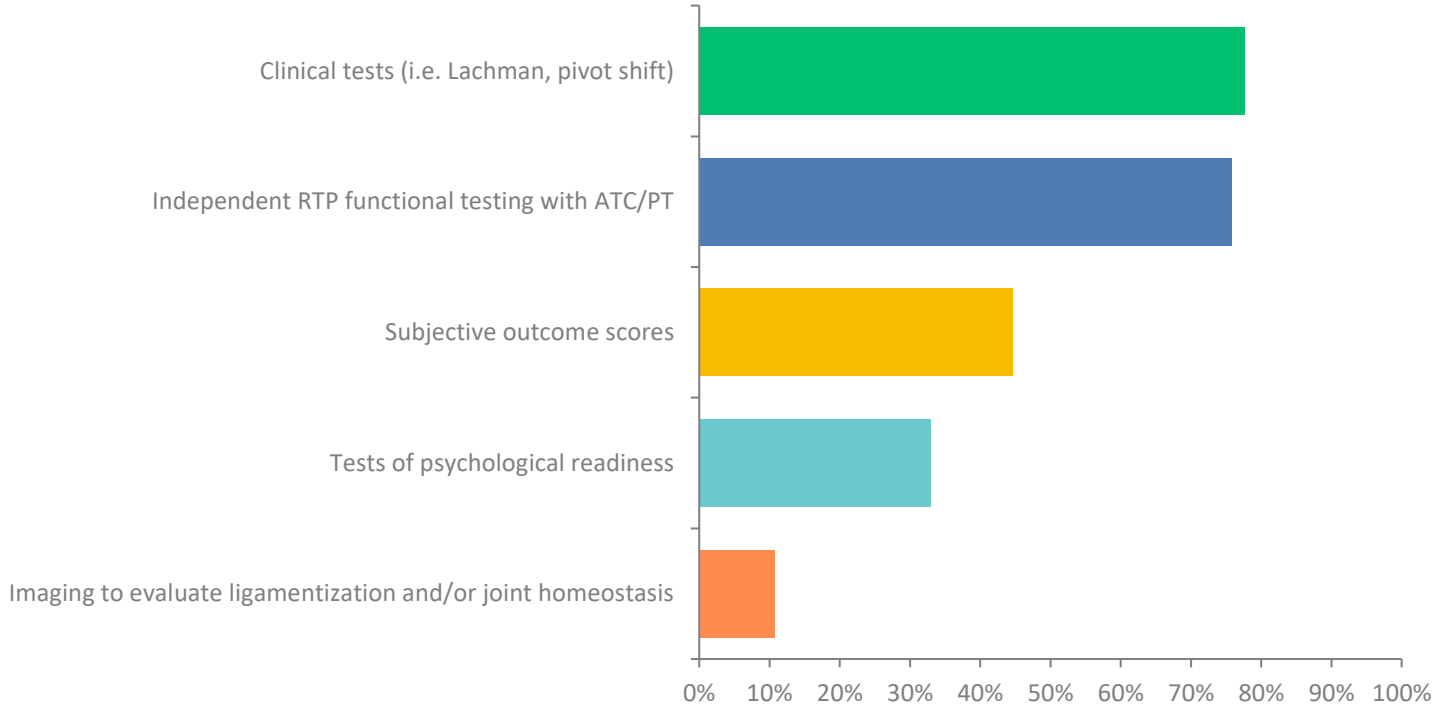
Q81: How often do you utilize BFR in your practice?

Answered: 103 Skipped: 9

ANSWER CHOICES	RESPONSES	
Always	0.97%	1
Usually	8.74%	9
Sometimes	23.30%	24
Rarely	13.59%	14
Never	53.40%	55
TOTAL		103

Q82: Which of the following do you utilize when making final decision about RTP? Select all that apply:

Answered: 103 Skipped: 9



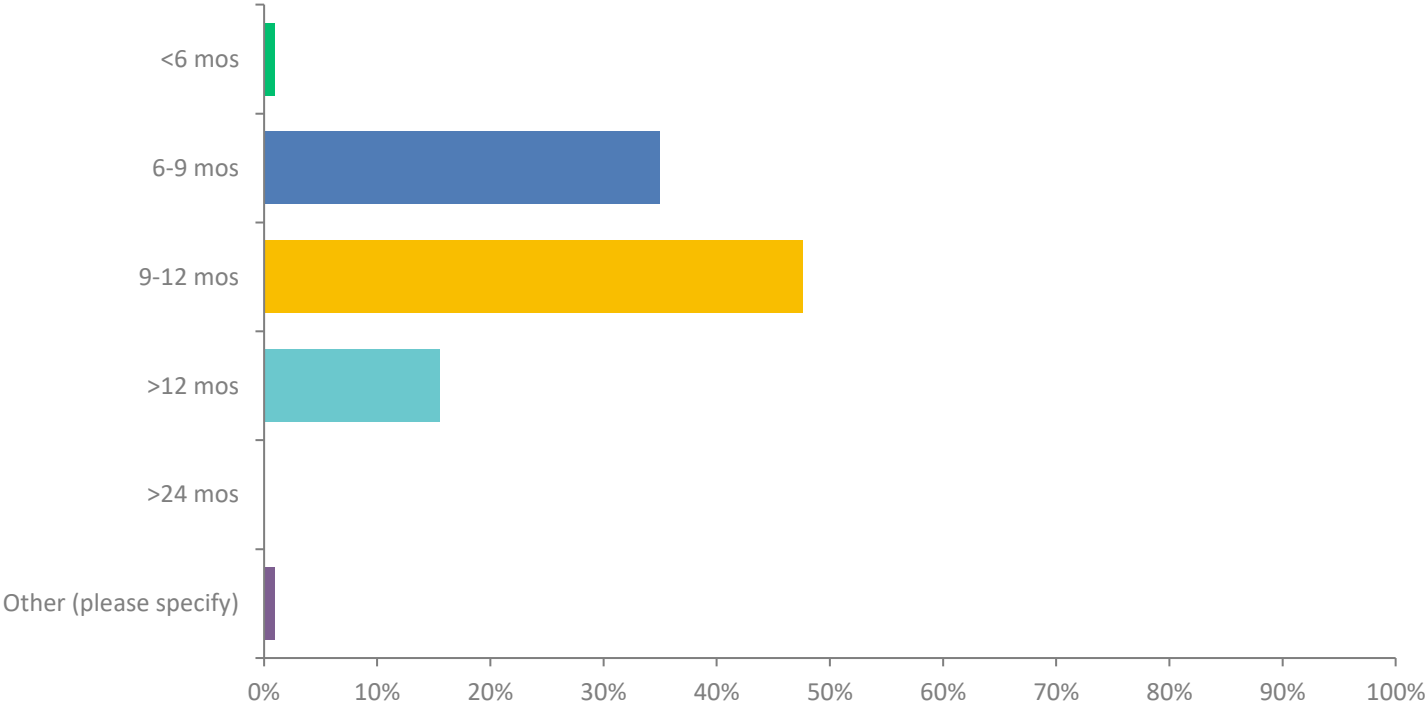
Q82: Which of the following do you utilize when making final decision about RTP? Select all that apply:

Answered: 103 Skipped: 9

ANSWER CHOICES	RESPONSES	
Clinical tests (i.e. Lachman, pivot shift)	77.67%	80
Independent RTP functional testing with ATC/PT	75.73%	78
Subjective outcome scores	44.66%	46
Tests of psychological readiness	33.01%	34
Imaging to evaluate ligamentization and/or joint homeostasis	10.68%	11
TOTAL		249

Q83: In my practice, the average time until RTP following primary ACL reconstruction is:

Answered: 103 Skipped: 9



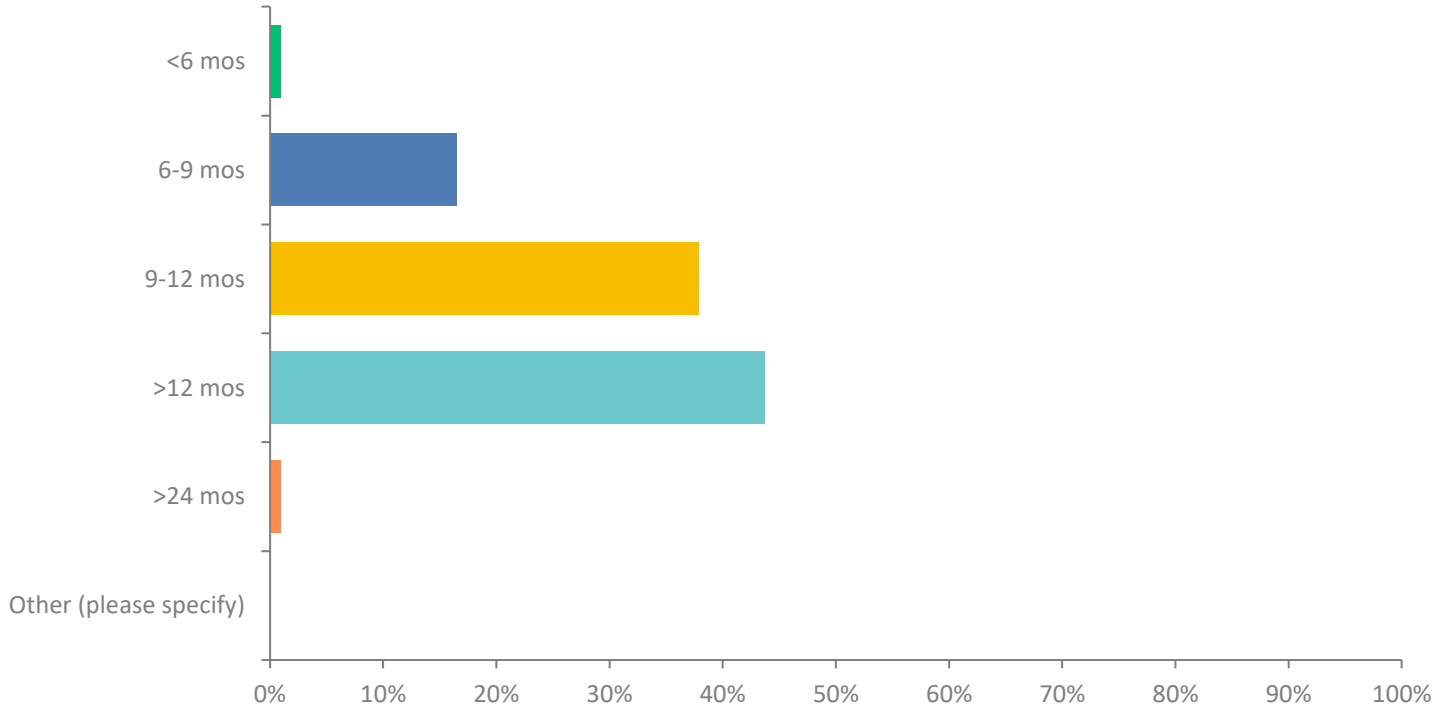
Q83: In my practice, the average time until RTP following primary ACL reconstruction is:

Answered: 103 Skipped: 9

ANSWER CHOICES	RESPONSES	
<6 mos	0.97%	1
6-9 mos	34.95%	36
9-12 mos	47.57%	49
>12 mos	15.53%	16
>24 mos	0%	0
Other (please specify)	0.97%	1
TOTAL		103

Q84: In my practice, the average time until RTP following revision ACL reconstruction is:

Answered: 103 Skipped: 9



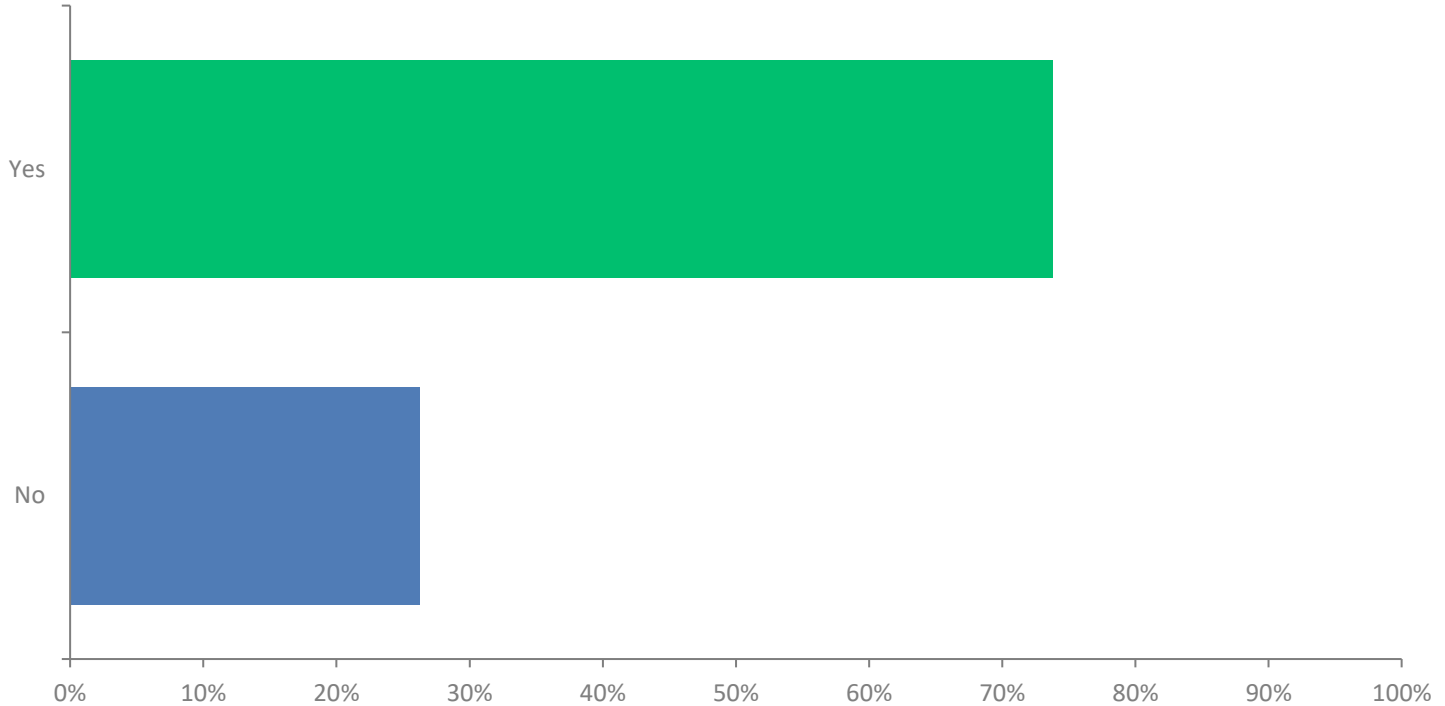
Q84: In my practice, the average time until RTP following revision ACL reconstruction is:

Answered: 103 Skipped: 9

ANSWER CHOICES	RESPONSES	
<6 mos	0.97%	1
6-9 mos	16.50%	17
9-12 mos	37.86%	39
>12 mos	43.69%	45
>24 mos	0.97%	1
Other (please specify)	0%	0
TOTAL		103

Q85: Do you believe ACL reconstruction reduces the risk of knee osteoarthritis?

Answered: 103 Skipped: 9



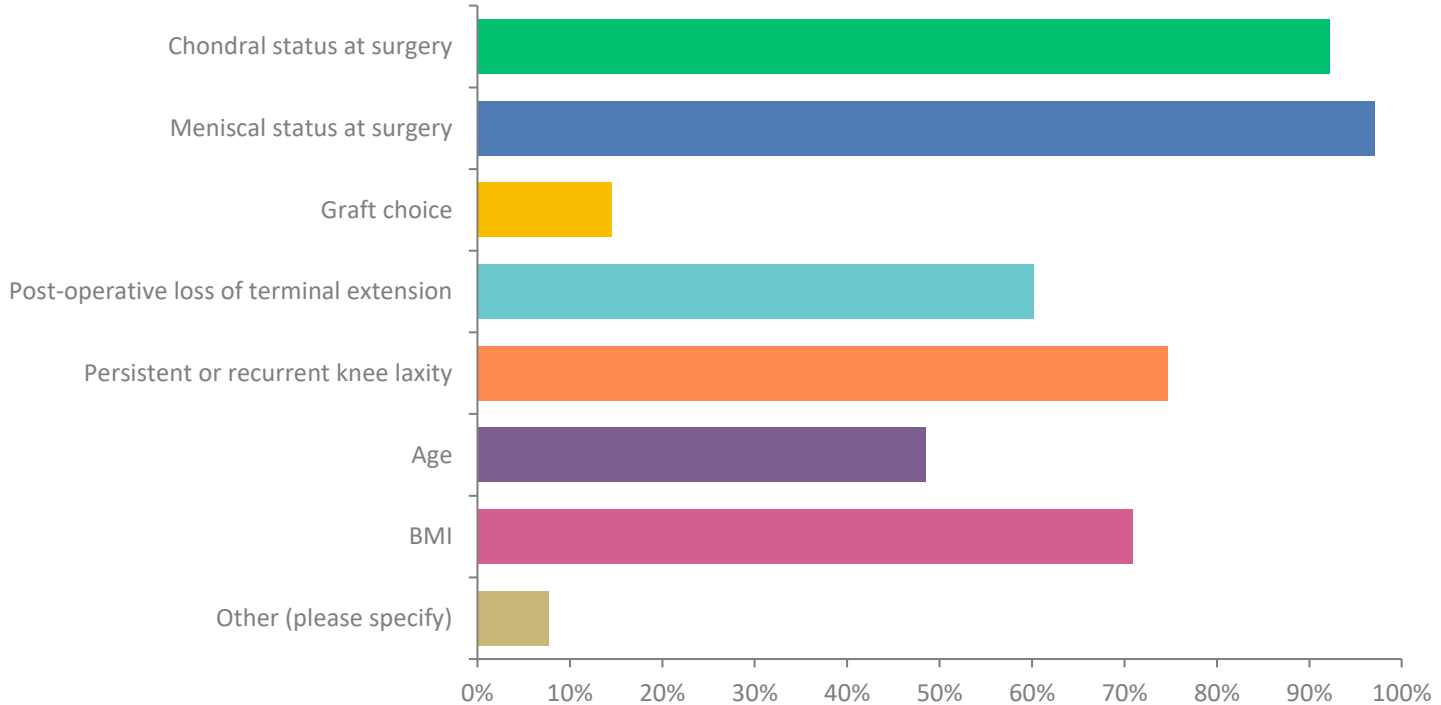
Q85: Do you believe ACL reconstruction reduces the risk of knee osteoarthritis?

Answered: 103 Skipped: 9

ANSWER CHOICES	RESPONSES	
Yes	73.79%	76
No	26.21%	27
TOTAL		103

Q86: Which of the following are important contributors to osteoarthritis following ACL injury and surgery? (Select all that apply)

Answered: 103 Skipped: 9



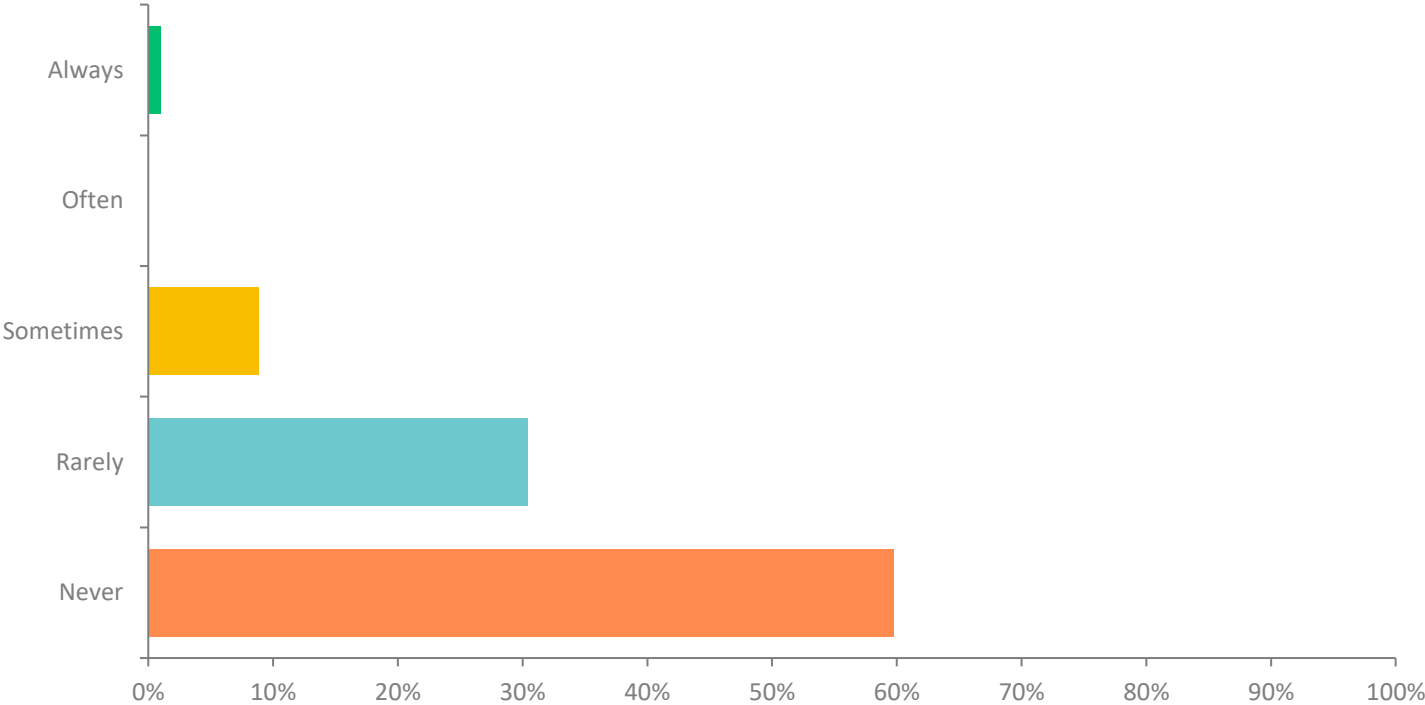
Q86: Which of the following are important contributors to osteoarthritis following ACL injury and surgery? (Select all that apply)

Answered: 103 Skipped: 9

ANSWER CHOICES	RESPONSES	
Chondral status at surgery	92.23%	95
Meniscal status at surgery	97.09%	100
Graft choice	14.56%	15
Post-operative loss of terminal extension	60.19%	62
Persistent or recurrent knee laxity	74.76%	77
Age	48.54%	50
BMI	70.87%	73
Other (please specify)	7.77%	8
TOTAL		480

Q87: How often do you use biologics (i.e., PRP, BMAC) in the office setting following ACL reconstruction?

Answered: 102 Skipped: 10



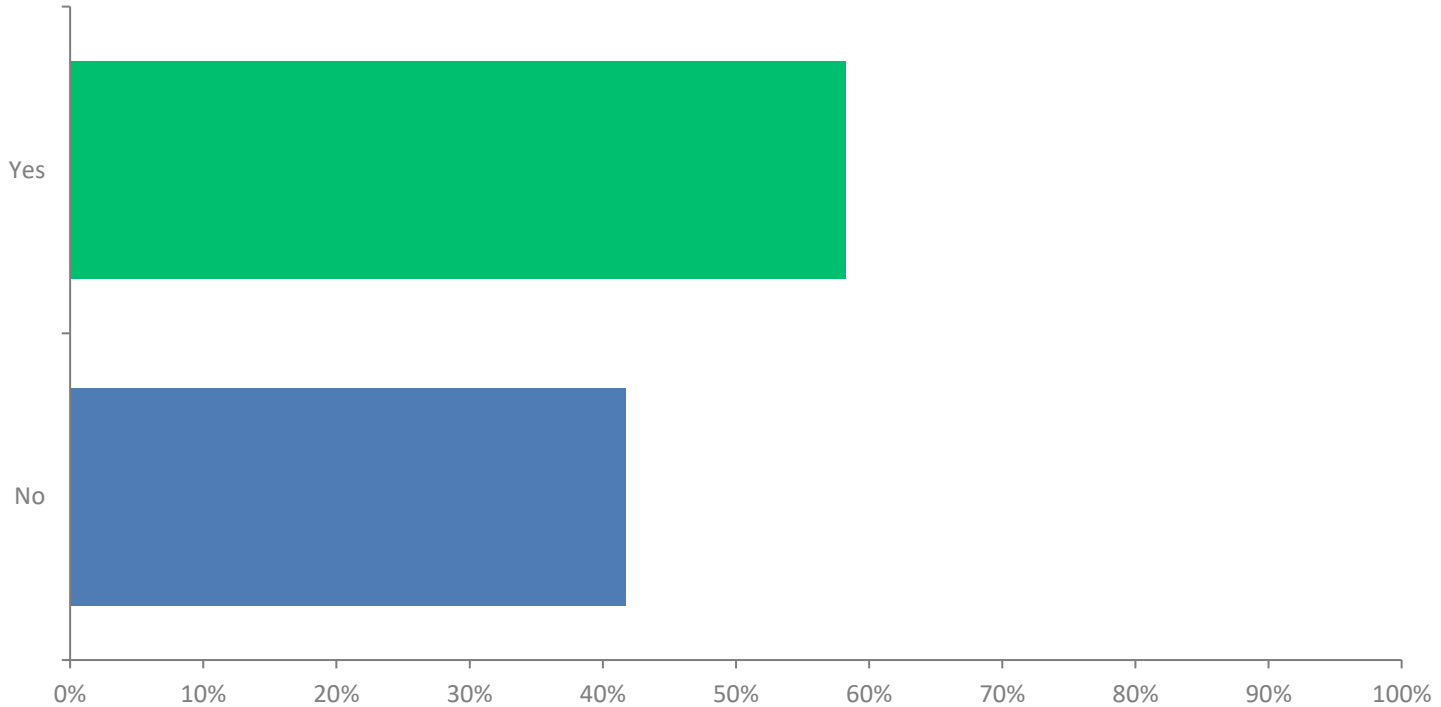
Q87: How often do you use biologics (i.e., PRP, BMAC) in the office setting following ACL reconstruction?

Answered: 102 Skipped: 10

ANSWER CHOICES	RESPONSES	
Always	0.98%	1
Often	0%	0
Sometimes	8.82%	9
Rarely	30.39%	31
Never	59.80%	61
TOTAL		102

Q88: If you had an isolated ACL tear (no meniscus tear), would you undergo surgical reconstruction?

Answered: 103 Skipped: 9



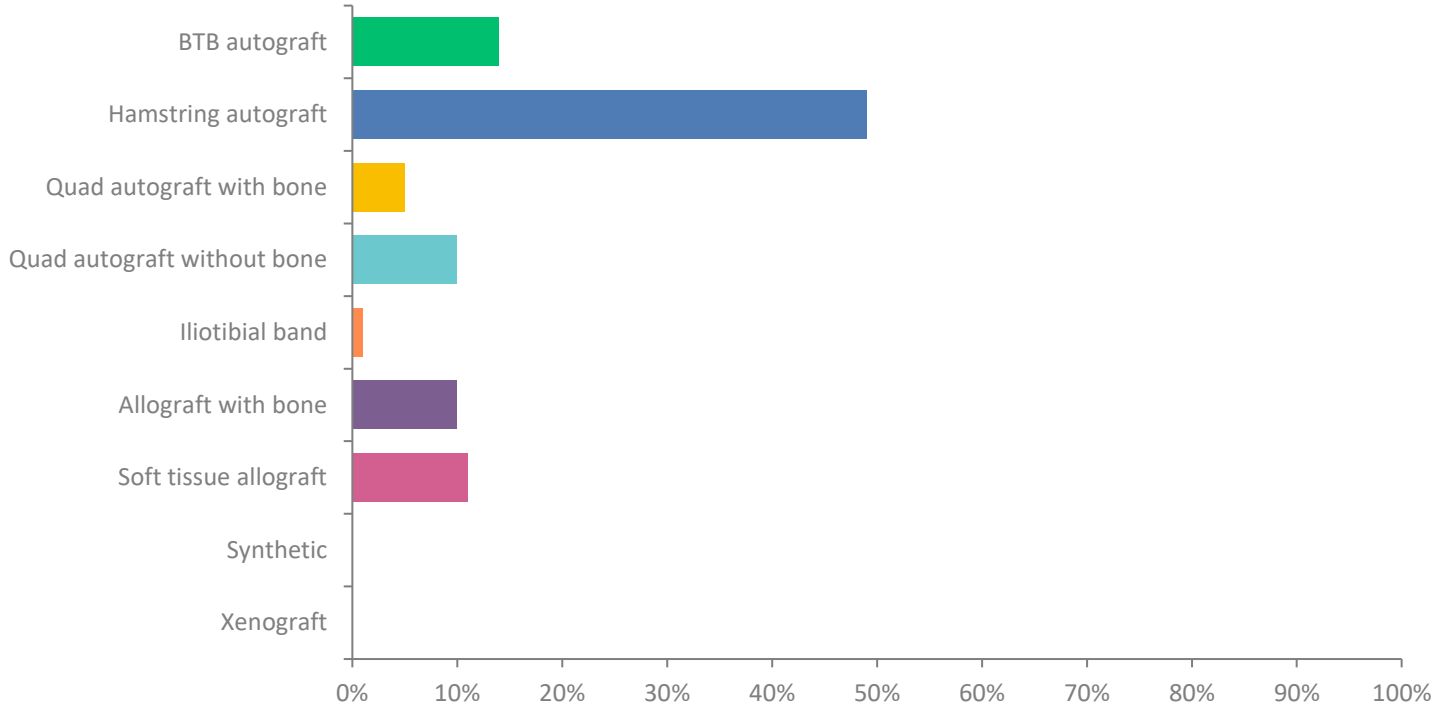
Q88: If you had an isolated ACL tear (no meniscus tear), would you undergo surgical reconstruction?

Answered: 103 Skipped: 9

ANSWER CHOICES	RESPONSES	
Yes	58.25%	60
No	41.75%	43
TOTAL		103

Q89: If you were to undergo ACL reconstruction, which graft would you want the surgeon to use?

Answered: 100 Skipped: 12



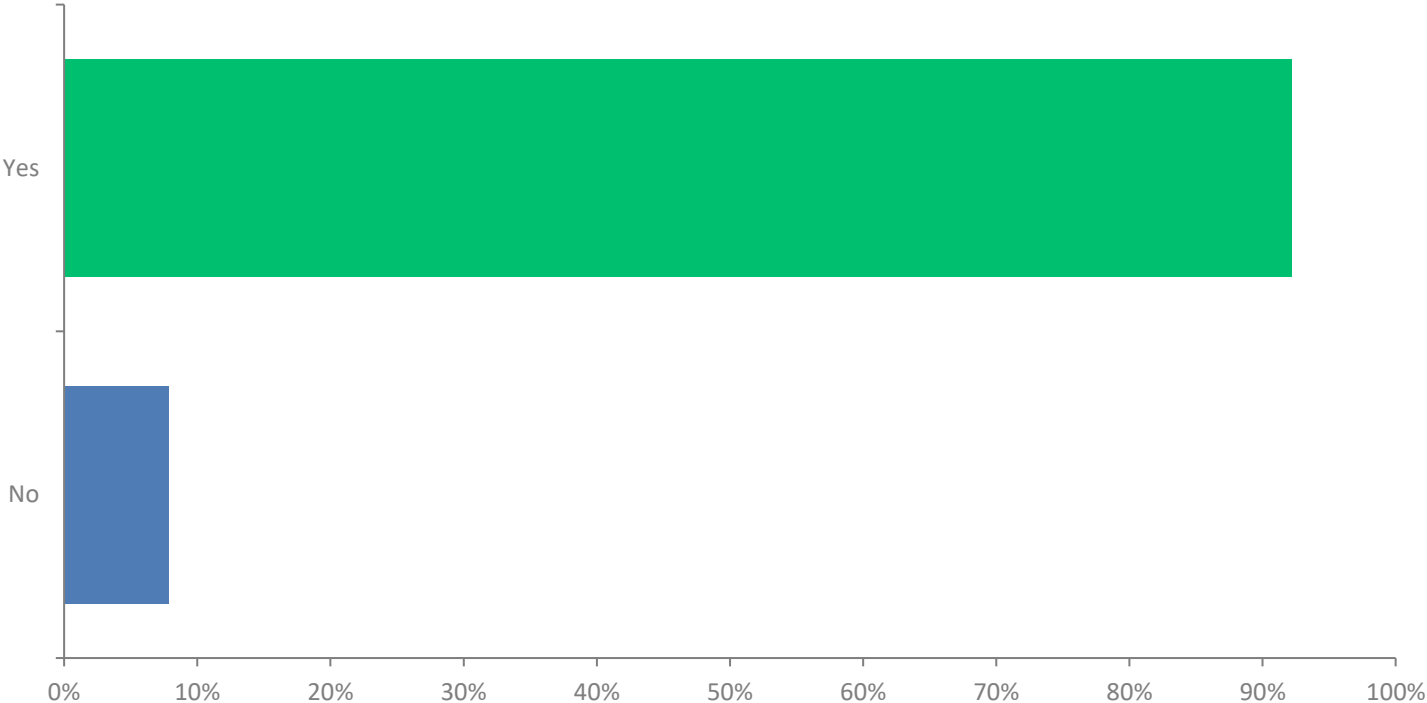
Q89: If you were to undergo ACL reconstruction, which graft would you want the surgeon to use?

Answered: 100 Skipped: 12

ANSWER CHOICES	RESPONSES	
BTB autograft	14.00%	14
Hamstring autograft	49.00%	49
Quad autograft with bone	5.00%	5
Quad autograft without bone	10.0%	10
Iliotibial band	1.00%	1
Allograft with bone	10.0%	10
Soft tissue allograft	11.00%	11
Synthetic	0%	0
Xenograft	0%	0

Q90: Do you believe that this questionnaire is still helpful in your practice?

Answered: 102 Skipped: 10



Q90: Do you believe that this questionnaire is still helpful in your practice?

Answered: 102 Skipped: 10

ANSWER CHOICES	RESPONSES	
Yes	92.16%	94
No	7.84%	8
TOTAL		102