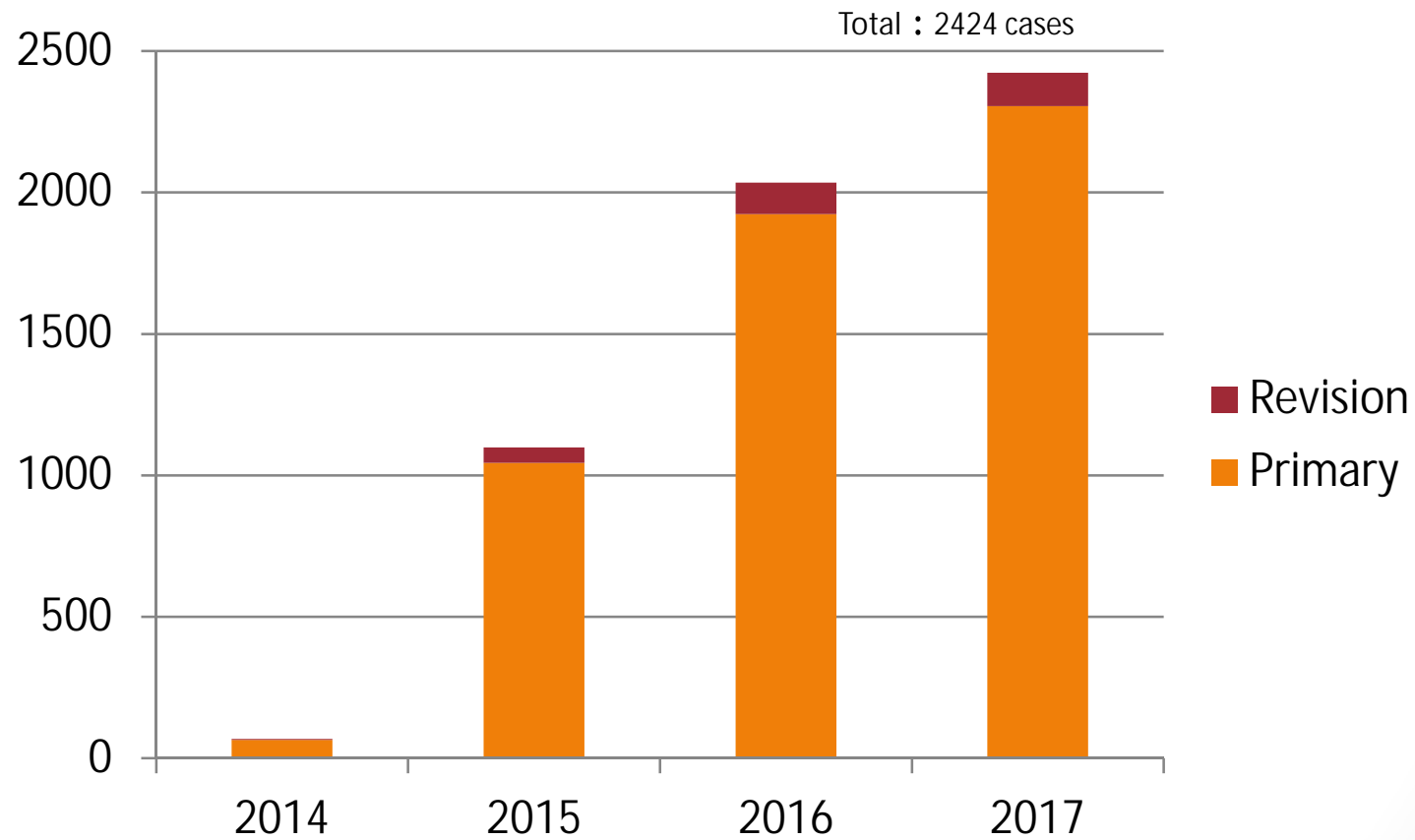


# 2016 ANNUAL REPORTS (reverse TSA)

The Japanese Society For Replacement Arthroplasty  
The Japan Arthroplasty Register

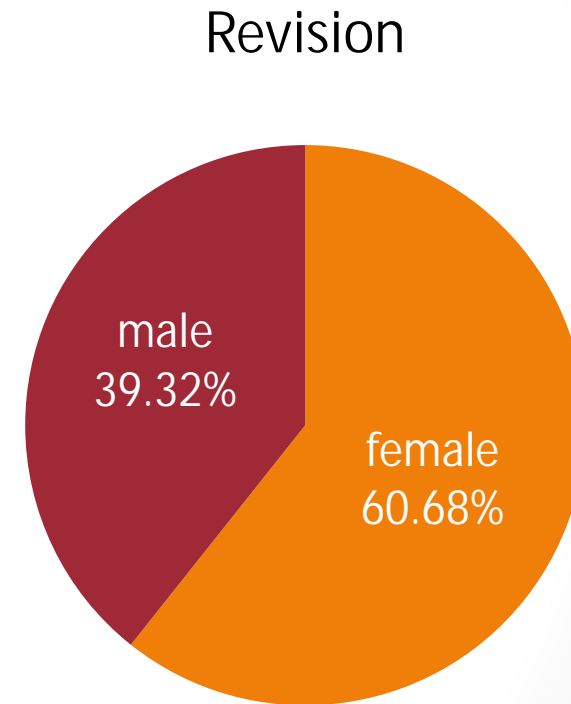
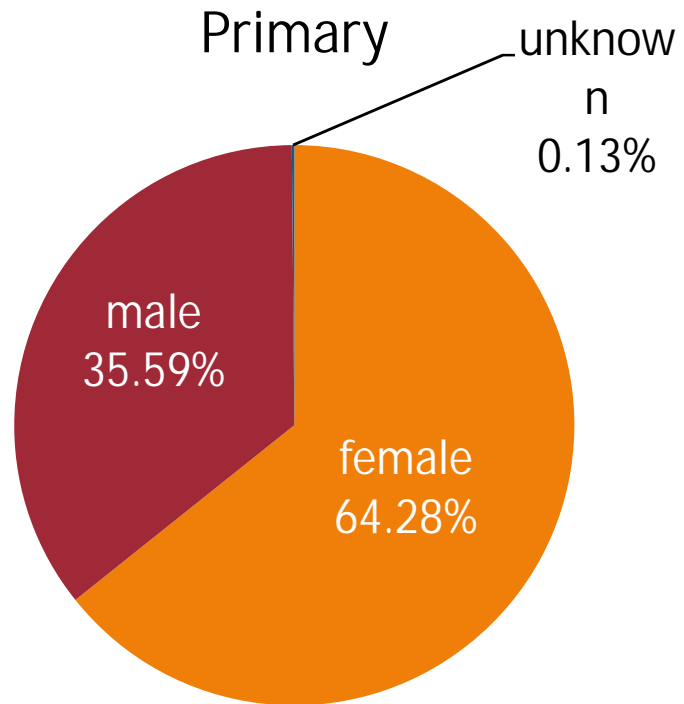
2017/3/31

# Number of Registrations

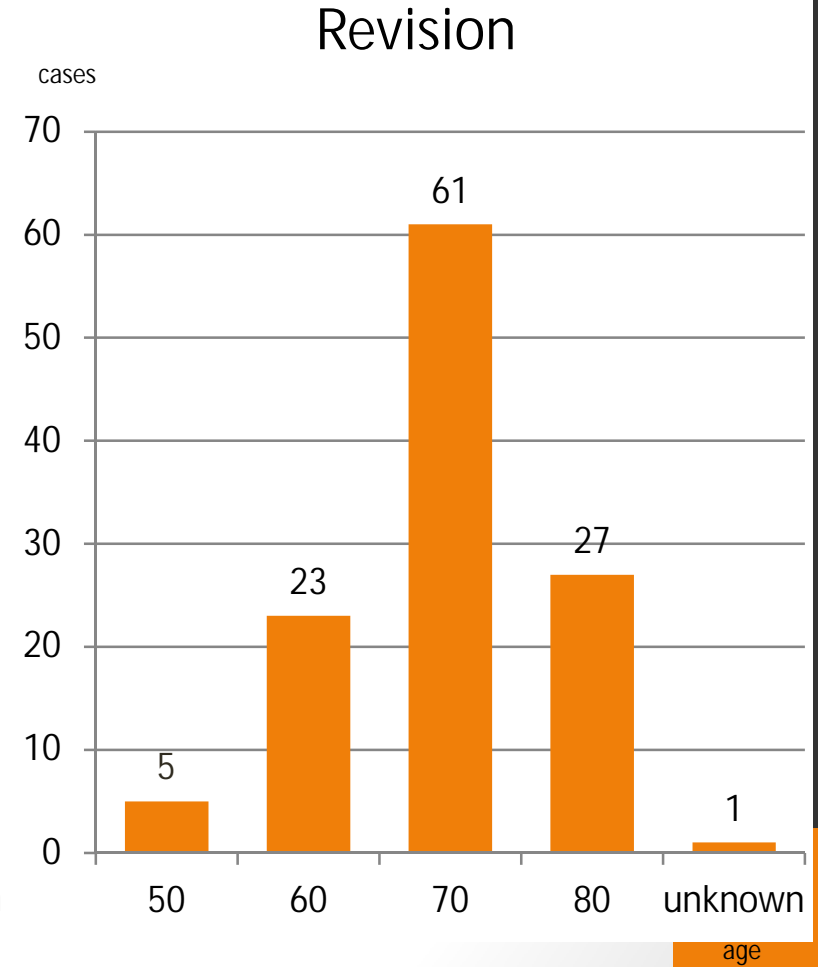
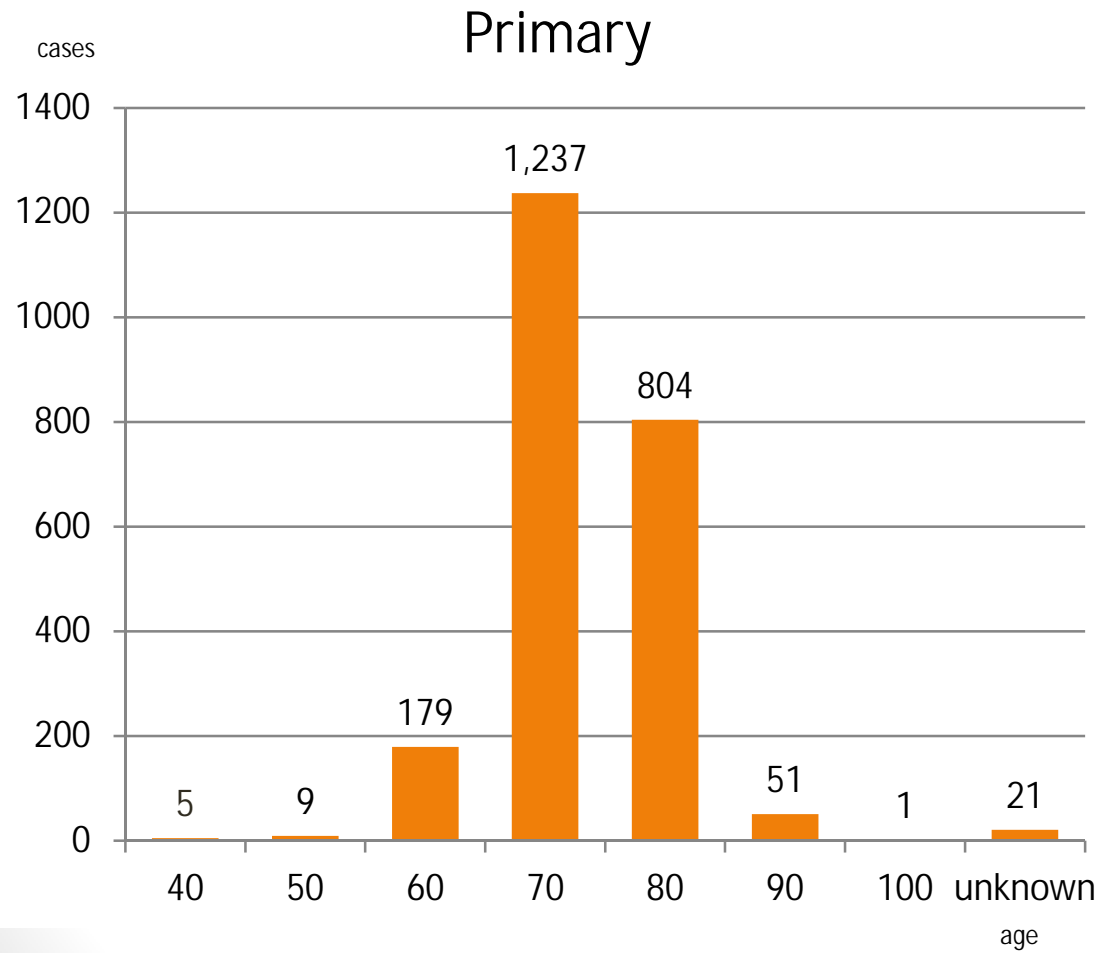


anatomical TSA is 2016/6 start

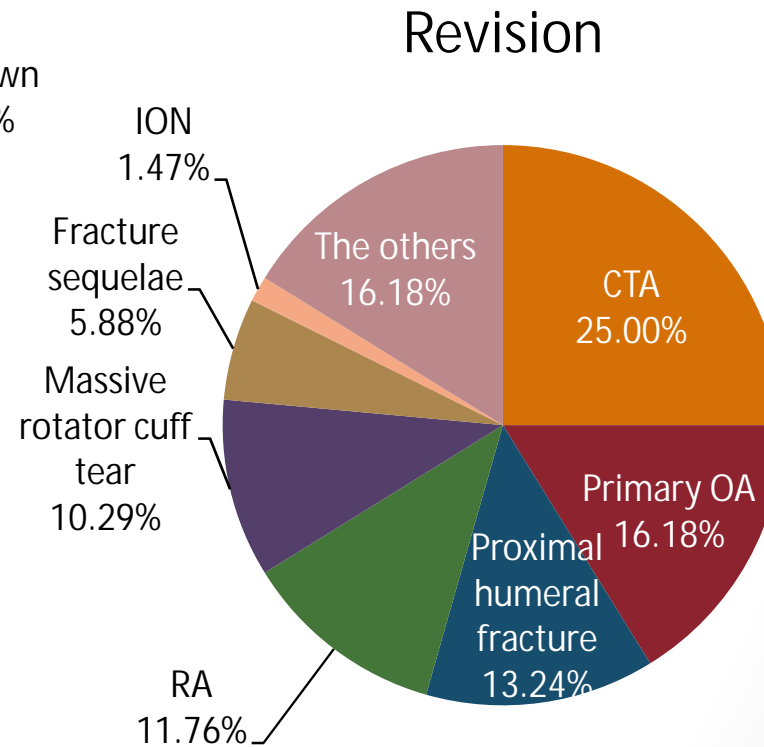
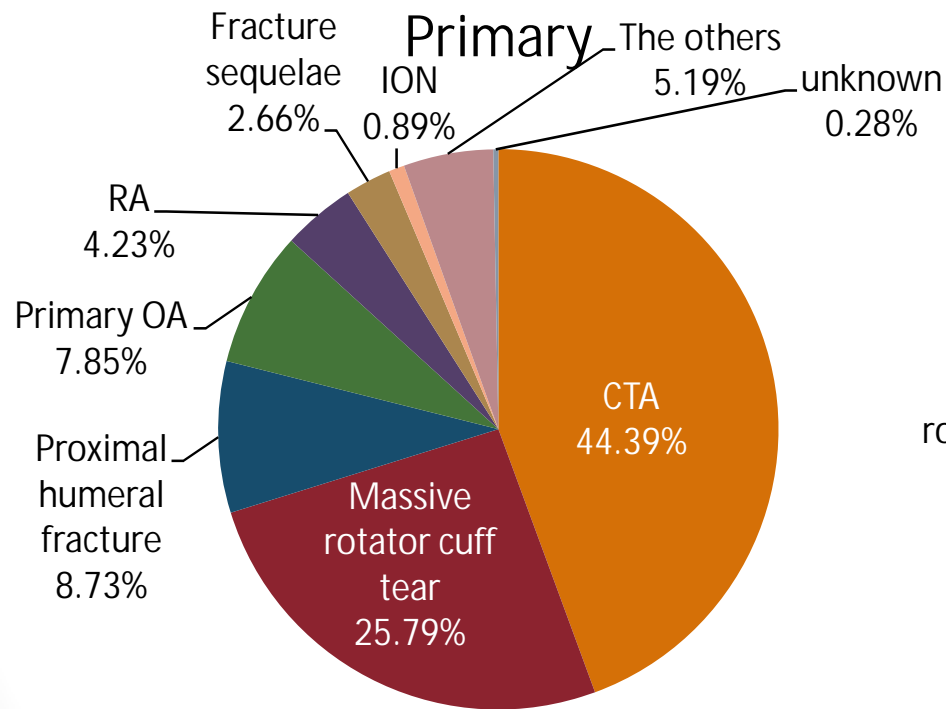
# Gender



# Age distribution

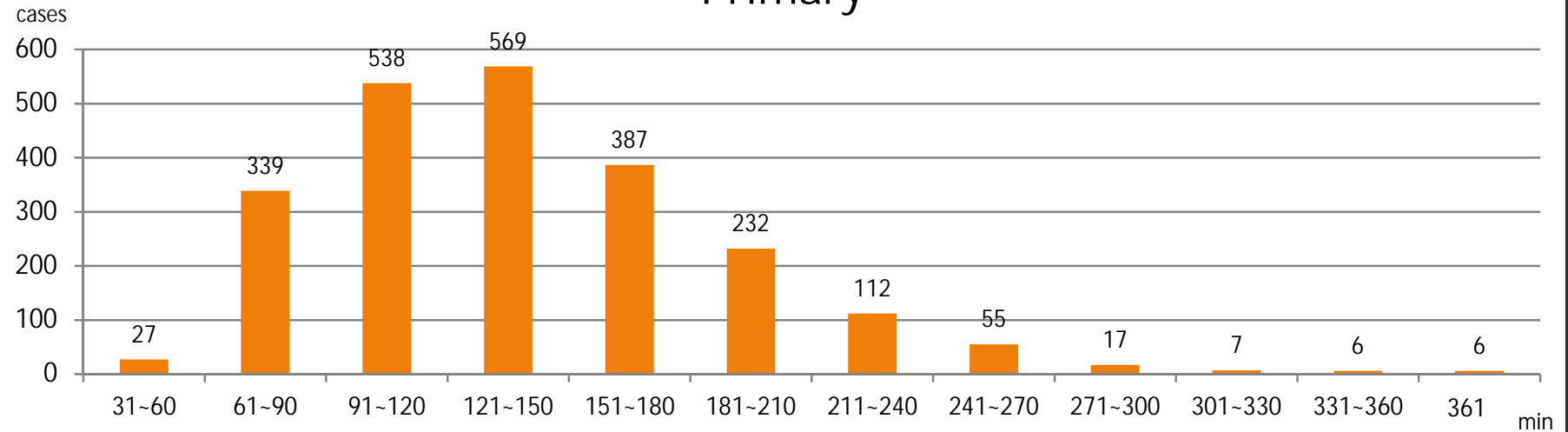


# Initial diagnosis

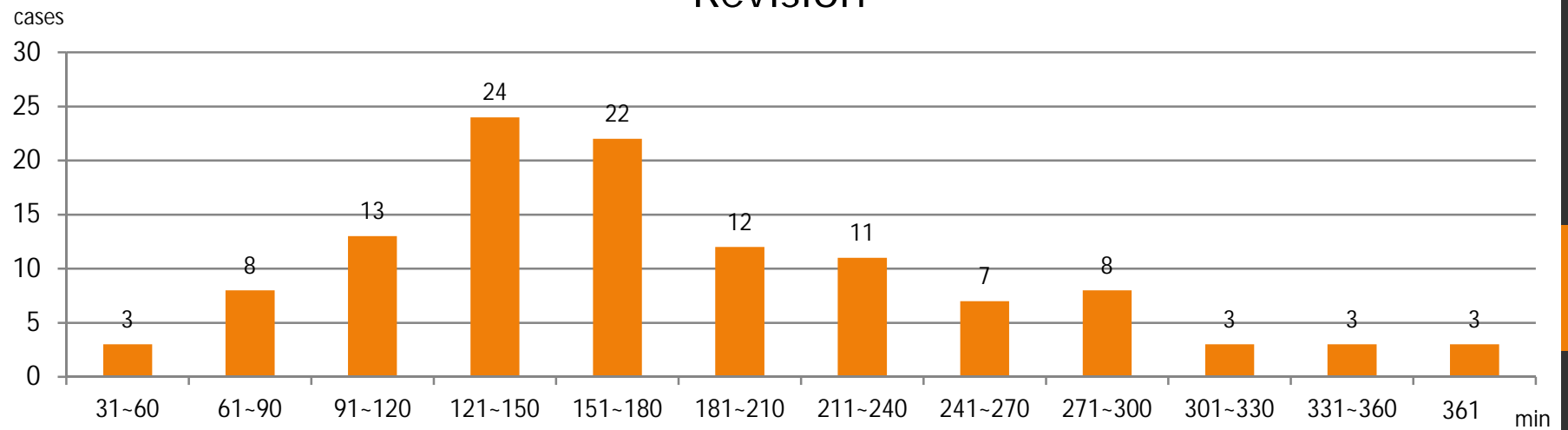


# Operation time

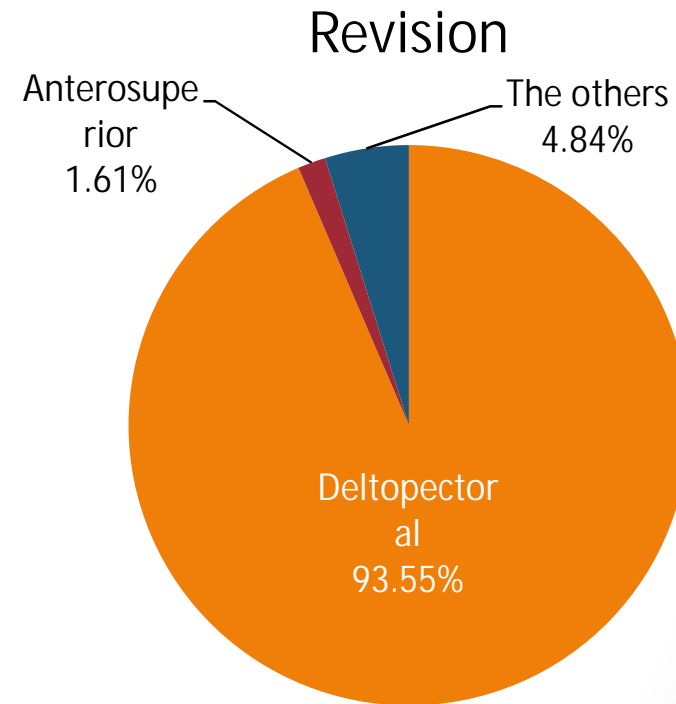
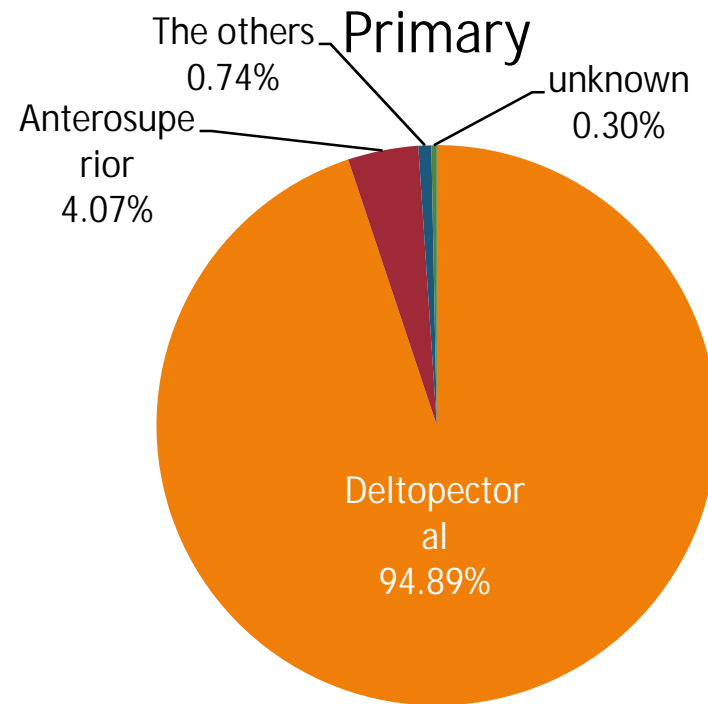
## Primary



## Revision

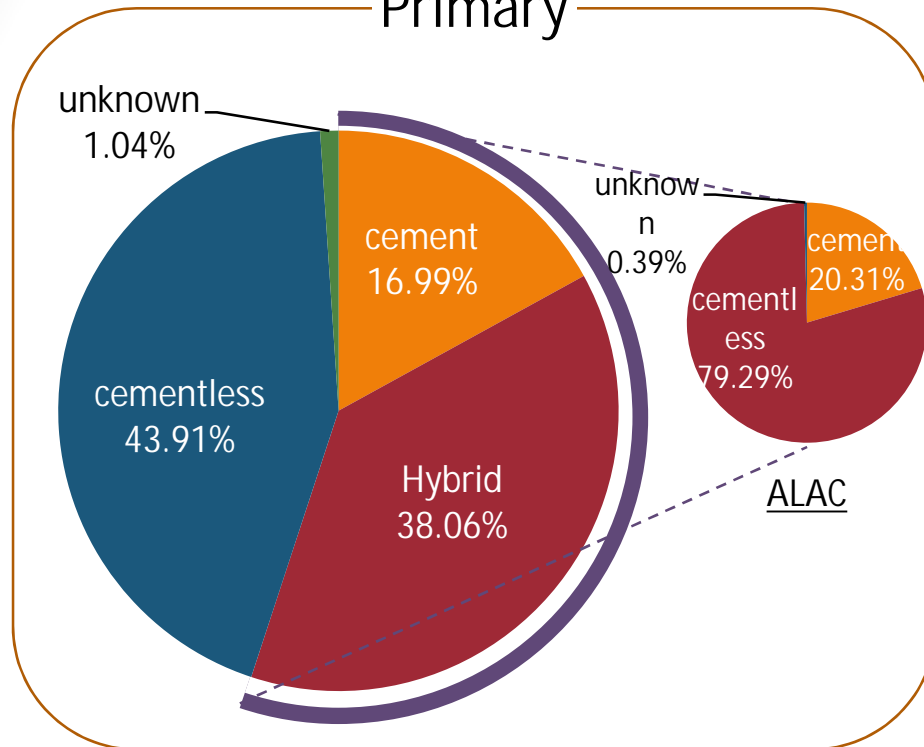


# Approach

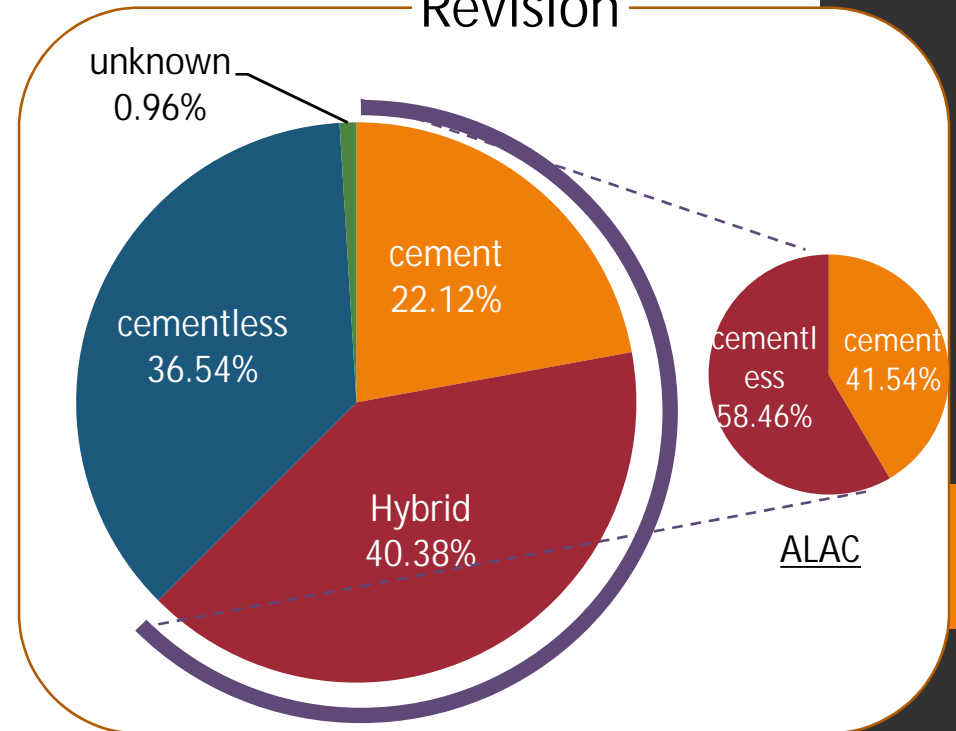


# Cement/Cementless

## Primary



## Revision





# Bone grafting

	Primary	Revision
none	75.05%	69.91%
chip , small autograft (humerus)	4.49%	5.31%
chip , small autograft (humerus+shoulder blade)	0.92%	0.88%
chip , small autograft (shoulder blade)	8.07%	7.08%
chip , small allograft (humerus)	-	0.88%
chip , small allograft (shoulder blade)	0.26%	-
block , large autograft (humerus)	2.01%	-
block , large autograft (humerus+shoulder blade)	0.52%	0.88%
block , large autograft (shoulder blade)	8.42%	8.85%
block , large allograft (humerus)	-	0.88%
block , large allograft (humerus+shoulder blade)	-	0.88%
block , large allograft (shoulder blade)	0.26%	4.42%

# Rotator cuff tear

	Primary	Revision
none	13.45%	11.21%
supraspinalis muscle	6.44%	7.48%
supraspinalis muscle+subscapularis muscle	2.47%	2.80%
supraspinalis muscle+infraspinatus muscle	28.63%	21.50%
supraspinalis muscle+infraspinatus muscle +subscapularis muscle	37.36%	33.64%
supraspinalis muscle+infraspinatus muscle+subscapularis muscle+teres minor muscle	5.96%	12.15%
supraspinalis muscle+infraspinatus muscle+teres minor muscle	4.59%	1.87%
infraspinatus muscle	0.09%	-
infraspinatus muscle+subscapularis muscle	0.18%	1.87%
infraspinatus muscle+teres minor muscle	0.04%	0.93%
subscapularis muscle	0.75%	6.54%
teres minor muscle	0.04%	-

# Causes of revision

	n=117 multiple answers allowed
Loosening (humerus)	14
Loosening (shoulder blade)	8
Infection	13
Dislocation • instability	33
Implant breakage (humerus)	0
Implant breakage (shoulder blade)	1
Polyethylene wear (humerus)	1
Polyethylene wear (shoulder blade)	2
Trauma	5
Excursion restrictions	42
The others	30

# Implant companies

