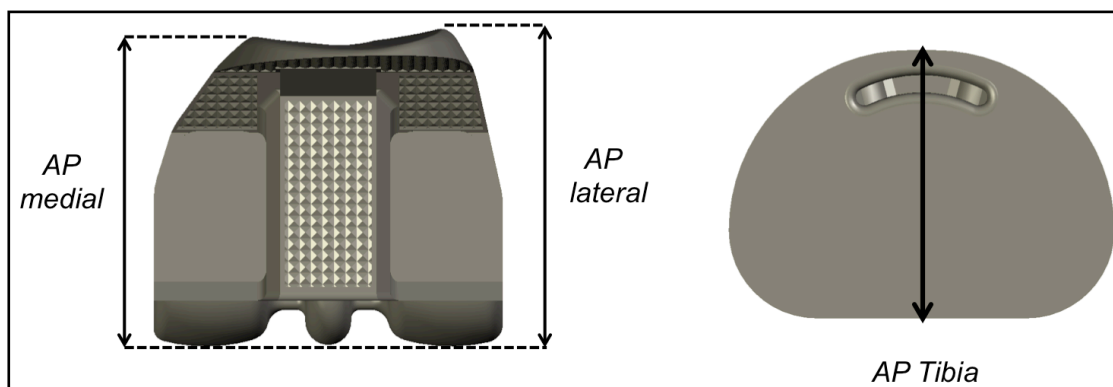
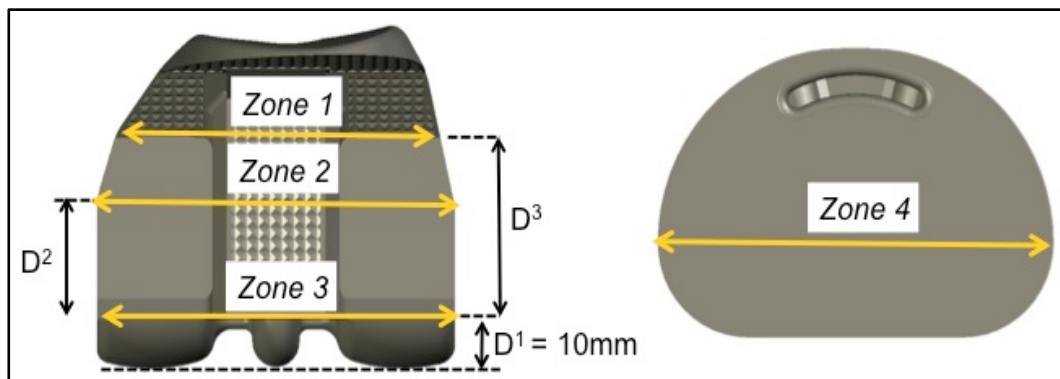


APPENDIX

SIZE AND ASPECT RATIO OF THE HLS-NOETOS TKA

Dimensions of the HLS-Noetos components (mm) (from Tornier SA, Montbonnot, France)									
	FEMUR							TIBIA	
Size	Zone 1	Zone 2	Zone 3	D²	D³	AP medial	AP lateral	Zone 4	AP
1	52.57	60.7	60.7	16.23	29.4	52.9	54.1	37.3	39.9
2	57.82	64.24	64.24	17.76	30.9	56.2	57.6	40.4	42.9
3	61.21	68	68	20,38	32.6	60.4	61.9	43.6	45.5
4	64.46	71.97	71.97	22.16	35.3	63.9	65.4	46.6	48.1
5	69.26	76.18	76.18	24.04	36.6	67.5	69.2	49.8	50.7
6	73.82	80.63	80.63	26.03	38.5	71.3	73.2	52.9	53.7



KOOS subscores in this series

KOOS Sub scores		Series		Males		Females		p-value *
		Mean±SD	Range	Mean±SD	Range	Mean±SD	Range	
Before surgery	Symptoms	47±14	18/86	47±15	18/86	47±13	21/79	0.917
	Pain	45±15	0/94	49±15	8/94	42±15	0/69	0.030
	ADL	45±18	0/93	49±19	4/93	41±15	0/87	0.019
	QoL	25±15	0/81	25±14	0/81	25±16	0/75	0.994
	Sport	16±19	0/100	20±16	0/70	13±21	0/100	0.051
One year after surgery	Symptoms	63±16	18/100	63±18	18/100	63±14	32/100	0.826
	Pain	79±18	28/100	84±17	28/100	75±18	36/100	0.005
	ADL	76±19	22/100	81±18	44/100	72±20	22/100	0.008
	QoL	67±27	0/100	72±27	19/100	62±26	0/100	0.043
	Sport	38±32	0/100	54±30	0/100	25±27	0/100	<0.001
Increase in subscores	Symptoms	16±19	-29/68	16±21	-25/64	15±18	-29/68	0.800
	Pain	34±19	-14/83	35±19	-11/75	32±19	-14/83	0.38
	ADL	31±20	-25/78	32±21	-11/78	31±19	-25/68	0.709
	QoL	41±26	-19/94	46±28	-19/94	37±24	-13/88	0.068
	Sport	21±33	-75/100	34±35	-50/100	12±28	-75/80	0.001

* Between Females and males (Student T test)