

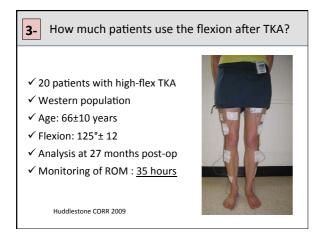


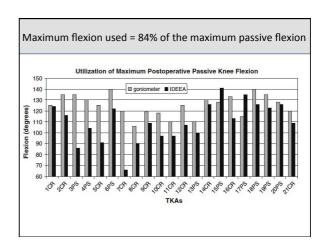
Results in « high flexion » group							
>130°	110°-130°	<110°	P-value				
93	91	87	0.54				
	>130°	>130°   110°-130°	>130°   110°-130°   <110°				

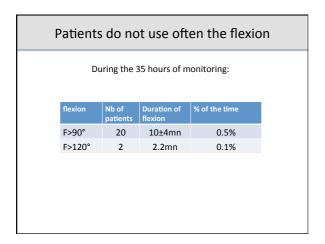
Results in « high flexion » group						
	>130°	110°-130°	<110°	P-value		
KSS	93	91	87	0.54		
Positive satisfaction	93%	73%	74%	0.24		

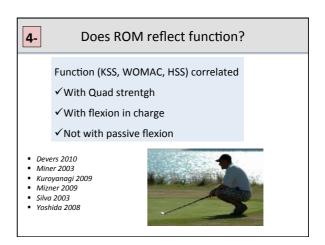
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Positive satisfaction	93%	73%	74%	0.24				
Expections achieved	94%	68%	53%	0.009				

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KSS	93	91	87	0.54				
Positive satisfaction	93%	73%	74%	0.24				
Expections achieved	94%	68%	53%	0.009				
Knee feels « normal » 87% 70% 43% <i>0.01</i>								

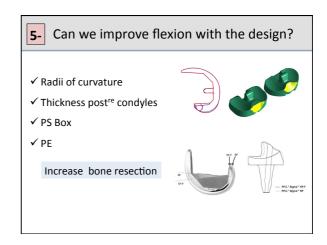






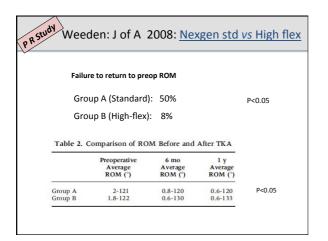


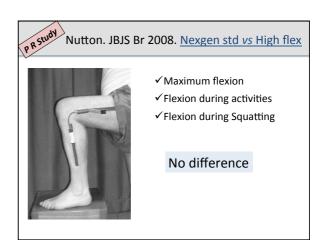


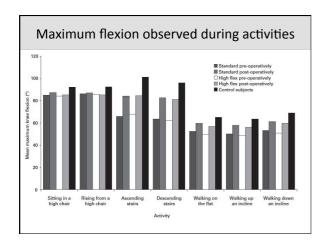


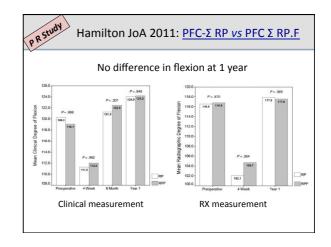
	Series from litterature								
au	uthor	country	study	n	FU	ref			
•	Bin	S Korea	CGS	90	12	KSSTA 2007			
•	Cho	S Korea		218	51	KSSTA 2011			
•	Gupta	USA		50	12	Orthopedics 2006			
•	Han	S Korea	CGS	72	32	JBJS Br 2007			
•	Huang	Taiwan		25	28	JoA 2005			
•	Kim	S Korea		50	25	JBJS Am 2009			
•	Malik	USA	CGS	50	12	Int Orthop 2010			
•	Weeden	UK	PRS	25/25	12	JoA 2008			
•	Nutton	Scotland	PRS	28/28	12	JBJS Br 2008			
•	Seon	S Korea		50	26	JBJS Am 2009			
•	Bauman	USA		154	46	CORR 2012			
•	Hamilton	USA	PRS	71/71	12	JoA 2011			
•	McCalden	Canada	CGS	197	12	CORR 2010			

Series from litterature								
au	thor		Post op flexion	Flexion gain	KSS	Failures (%)		
•	Bin	*	129	6	-	0		
•	Cho		131	14	169	4%		
•	Gupta		125	17	190	0		
•	Han	*	132	11	-	38%		
•	Hung		138	28	184	0		
•	Kim		139	12	-	0		
•	Malik	*	120	5	-	?		
•	Weeden	*	133	11	-	0		
•	Nutton	*	110	2	-	?		
•	Seon		131	3	-	?		
•	Bauman		129	6	185	0		
•	Hamilton	*	124	5.2	-	7%		
•	McCalden	*	119	9.7	-	-		



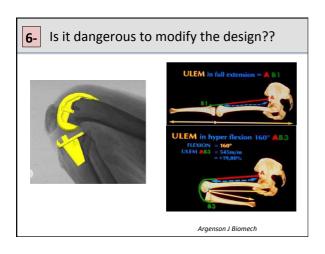


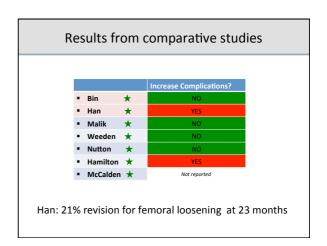




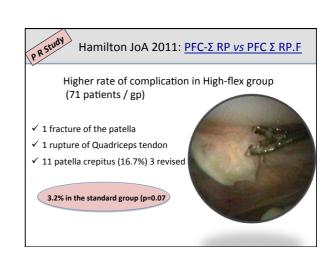
Improve   Flexion?     Bin		Results from comparative studies							
Bin									
Bin									
Han ★ YES     Malik ★ NO     Weeden ★ YES     Nutton ★ NO     Hamilton ★ NO									
Malik ★ NO     Weeden ★ YES     Nutton ★ NO     Hamilton ★ NO	•	Bin	*	YES					
Weeden ★ YES     Nutton ★ NO     Hamilton ★ NO	•	Han	*	YES					
■ Nutton ★ NO NO NO	•	Malik	*	NO					
■ Hamilton ★ NO	•	Weeden	*	YES					
	•	Nutton	*	NO					
■ McCalden ★ YES	•	Hamilton	*	NO					
	•	McCalden	*	YES					

	Results from comparative studies								
			Improve Flexion?	Improve Function?					
	Bin	*	YES	NO					
	Han	*	YES	YES					
-	Malik	*	NO	NO					
•	Weeden	*	YES	YES					
•	Nutton	*	NO	NO					
•	Hamilton	*	NO	NO					
-	McCalden	*	YES	Not reported					











Does higher flexion improves satisfaction after TKA?
 Do patients use the flexion after TKA?
 Does ROM reflect function after TKA
 Do we improve flexion design modifications?
 Is it dangerous to modify the design?
 Is it dangerous to authorize full flexion if patient is able to?

## Conclusion

- ✓ I prefer having good flexion in my patients
- $\checkmark$  I do not authorize squatting
- $\checkmark$  The alchemy of the susses of a design is subtle
- $\checkmark$  Be cautious with any modification in the design...

