

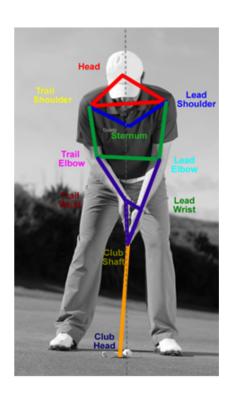
	QUINTIC PUTTING ANALYSIS										
Name	Name Paul Hurrion										
Email	Email info@quintic.com Date 02.12.19										
Mass	80 kg	Handicap	2			Height	176 cm				

Summary

Example Single Putt Report

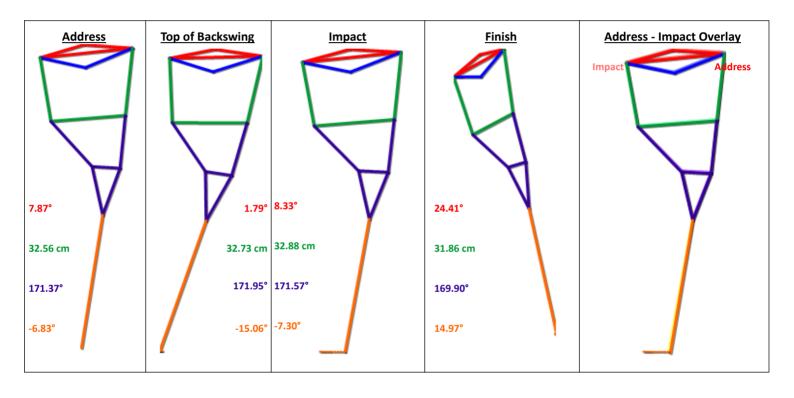
KEY AND DIAGRAMS



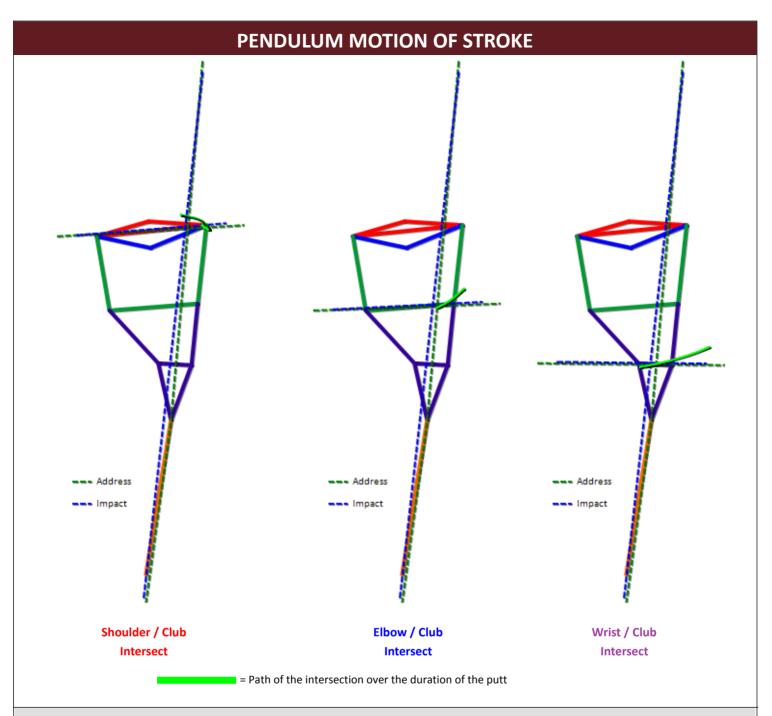


N.B. The above Markers are for Right Handed Golfers. For Left Handers, Trail and Lead will be reversed for the Shoulder, Elbow and Wrist

	POSITIONS										
	Address	SD	Top of Backswing	SD	Impact	SD	Finish	SD			
Shoulder Tilt (degrees)	7.87°	-	1.79°	-	8.33°	-	24.41°	-			
Shaft Angle (degrees)	-6.83°	-	-15.06°	-	-7.30°	-	14.97°	-			
Lead Wrist Angle (degrees)	171.37°	-	171.95°	-	171.57°	-	169.90°	-			
Elbow Distance (cm)	32.56 cm	-	32.73 cm	-	32.88 cm	-	31.86 cm	-			
Ball Position Relative to Sternum (cm)	0.61 cm	(For Refere	ence, see Page 1	.)							



HEA					
	Sway	SD	Lift	SD	Positive Lift
Head Displacement in the Backswing (cm)	0.90	-	-0.37	-	Negative Sway
Head Displacement in the Downswing (cm)	-0.75	-	0.98	-	
Head Displacement in the Throughswing (cm)	0.89	-	2.25	-	Quistic
Head Displacement from Address to Impact (cm)	0.13	-	0.66	-	Target

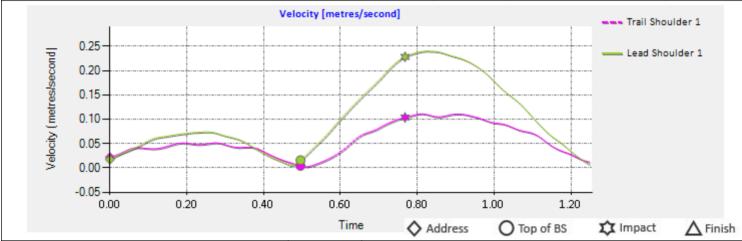


Intersect	Angle	(degrees)	١٠

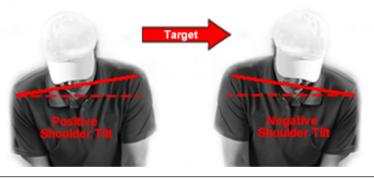
8 (8 ,								
	Address	SD	Top of Backswing	SD	Impact	SD	Finish	SD
Shoulder / Club Intersect	75.31°	-	73.16°	-	74.38°	-	80.51°	-
Elbow / Club Intersect	77.14°	-	75.18°	-	76.20°	-	81.35°	-
Wrist / Club Intersect	87.64°	-	86.24°	-	86.61°	-	91.24°	-

Difference between	Shoulder Intersect Angle	SD	Elbow Intersect Angle	SD	Wrist Intersect Angle	SD
Address and Top of BS (degrees)	-2.15°	-	-1.96°	-	-1.40°	-
Top of BS to Impact (degrees)	1.22°	-	1.02°	-	0.37°	-
Impact and Finish (degrees)	6.14°	-	5.15°	-	4.63°	-
Address and Impact (degrees)	-0.93°	-	-0.94°	-	-1.02°	-

SHOULDER AND UPPER TRUNK KINEMATICS									
When Club Head at Maximum Velocity:	Lead Shoulder Velocity	SD	Trail Shoulder Velocity	SD					
In the Backswing	0.07 m/s	-	0.05 m/s	-					
Percentage Attributable to each Shoulder	60 %	-	40 %	-					
In the Downswing	0.22 m/s	-	0.10 m/s	-					
Percentage Attributable to each Shoulder	69 %	-	31 %	-					
In the Throughswing	0.23 m/s	-	0.11 m/s	-					
Percentage Attributable to each Shoulder	68 %	-	32 %	-					



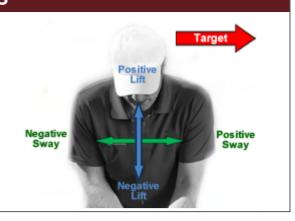
Shoulder Tilt (degrees):	SD	
At Address	7.87°	-
At Top of Backswing	1.79°	-
At Impact	8.33°	-
At Impact Relative to Address	0.46°	-
Degree of Tilt in Backswing	-6.08°	-
Degree of Tilt in Downswing	6.54°	-



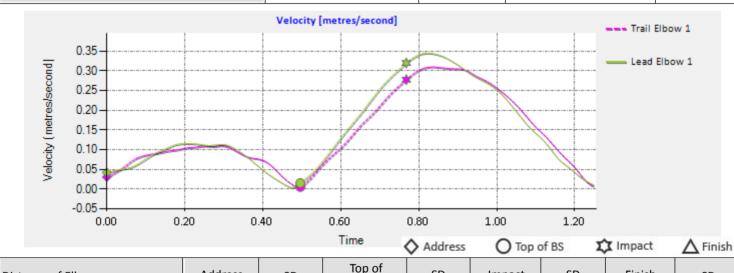


Angle: Horizontal, Trail Shoulder, Lead Shoulder	SD		
Maximum Angular Velocity of Backswing (deg/s)	21.09	-	
Maximum Angular Velocity of Throughswing (deg/s)	52.03	-	
Ratio of Angular Velocity for BS compared to TS	1:2.47 (1:2=D	ouble the Speed	on the TS)

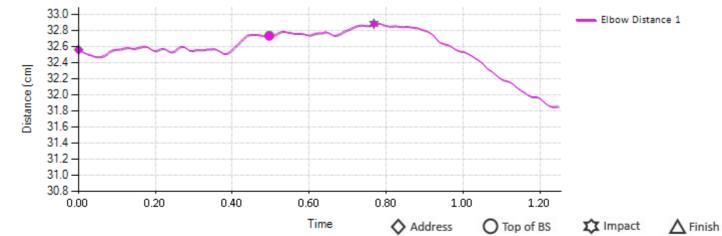
		TRUN	NK KINE	MATIC
	Sway	SD	Lift	SD
in the Backswing (cm)	-0.76	-	-0.13	-
in the Downswing (cm)	0.45	-	0.80	-
in the Throughswing (cm)	1.39	-	2.19	-
from Address to Impact (cm)	-0.30	-	0.67	-

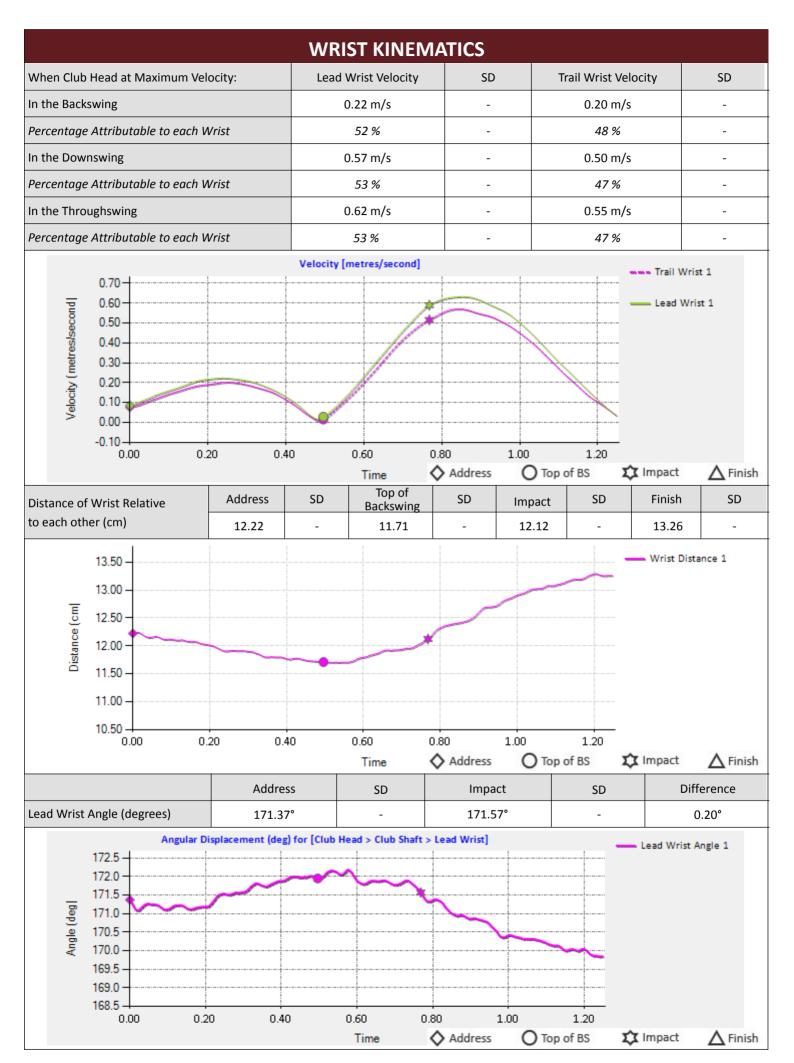


ELBOW KINEMATICS									
When Club Head at Maximum Velocity:	Lead Elbow Velocity	SD	Trail Elbow Velocity	SD					
In the Backswing	0.11 m/s	-	0.11 m/s	-					
Percentage Attributable to each Elbow	51 %	-	49 %	-					
In the Downswing	0.31 m/s	-	0.26 m/s	-					
Percentage Attributable to each Elbow	54 %	-	46 %	-					
In the Throughswing	0.32 m/s	-	0.31 m/s	-					
Percentage Attributable to each Elbow	51 %	-	49 %	-					



Distance of Elbows	Address	SD	Top of Backswing	SD	Impact	SD	Finish	SD
Relative	32.56	-	32.73	-	32.88	-	31.86	-





				CLU	JB KINEN	/IATI	cs					
				Backswin	g SD	Do	ownswing	SD	Th	nroughswing	SD	
Maximum Velocity of Club (m/s)			0.63	-	- 1.53 -			1.85	-			
Location o	f Club at	Max. Veloci	ty (m)	0.21 (Pos	sitive = After Ir	e = After Impact, Negative = Before Impact)						
				Velocity	[metres/second	res/second] —— Club Head 1						
	2.00 - 1.80 -											
puo	1.60 -		<u> </u>	<u> </u>		*			<u>!</u>			
SiSec	1.40 - 1.20 -				/_							
Velocity (metres/second	1.00 - 0.80 -											
ocity (0.60 - 0.40 -											
Velc	0.20											
	-0.20 -	1										
0.00 0.20			0.20	0.40	0.60 Time	0.80 1		00 1.20 O Top of BS		tt Impact	▲ Finish	
				Backswing	g SD	Dov	vnswing	SD	Thr	oughswing	SD	
Path Lengt	Path Length of Club Head (m)			0.22	-	0.20		-		0.60	-	
Ratio of DS	S to TS (I	ength)		1:2.95 (F	Ratio 1 : 1 = DS	and TS	same leng	th)				
Tempo (Time):						SD						
Time of the Backswing (s)					0.49	0.49						
Time of the Downswing (s)					0.2	0.27 -						
Time of the Throughswing (s)					0.49	0.49 -						
Ratio of BS to DS (Time)					1 : 0.56 (Ra	1 : 0.56 (Ratio 1 : 0.5 = DS is half the time of the BS)						
Ratio of BS	to DS +	TS (Time)			1 : 1.56 (Ra	1 : 1.56 (Ratio 1 : 1 = Same time BS as DS + TS)						
			Address	SD	Top of Backswing	SD	Im	pact	SD	Finish	SD	
Shaft Angl	Shaft Angle (degrees) -6.83°			-	-15.06°	-	-7.30°		-	14.97°	-	
			Angular Displ	acement (deg) f	or [Vertical > Cl	ub Shaft :	> Club Head	1		Shaft Ang	gle 1	
	20.0											
	15.0- 10.0-	10.0										
Be	5.0								<u> </u>			
Angle (deg)	0.0 -5.0											
Ang	-10.0	-				-			<u> </u>			
	-15.0											
	-20.0											
	-25.0	1.00	0.20	0.40	0.60	0.80	1	00	1.20			
			5.20	0.40	Time					~	A =: . 1	
					,	Address O Top of BS 5 Frames Pre Impact						
										5 Frames Post Impact		
Attack Angle / Rise Angle of Club (degrees) 0.11° 3.4°								17°				

A	BOUT PLAYER