

28/05/2019 14:46:10

ANALISI DELLA CORSA

Paziente

Cognome: Rossi

Nome: Pierluigi

Data di nascita: 13/11/1977

Genere: M

Dati Test

Velocità Treadmill [km/h]: 5

Durata del test: 02:04.31

TEMPO DI VOLO

Asimmetria [S-D%]

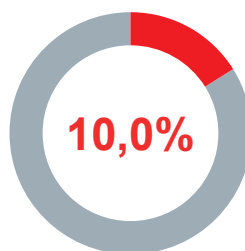


11.9%



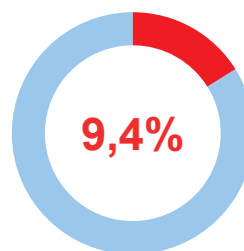
Sinistra Destra

Variabilità Sinistro



10,0%

Variabilità Destro



9,4%

TEMPO DI CONTATTO

Asimmetria [S-D%]

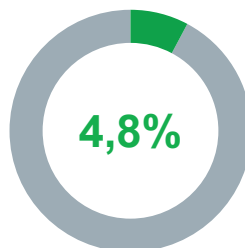


0.8%



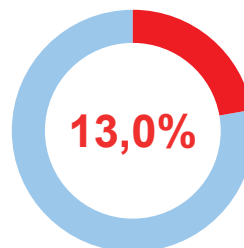
Sinistra Destra

Variabilità Sinistro



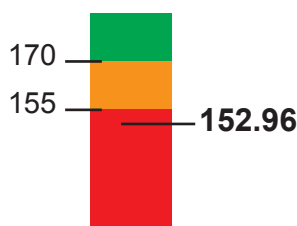
4,8%

Variabilità Destro

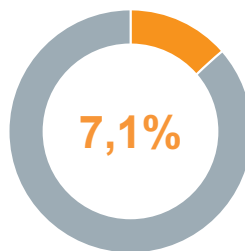


13,0%

CADENZA [passi/min]



Variabilità



7,1%

ACCELERAZIONI D'IMPATTO DURANTE IL CONTATTO

Asimmetria Impact Peak [S-D%]



10.1%



Sinistro Destro

Asimmetria Vertical Load [S-D%]



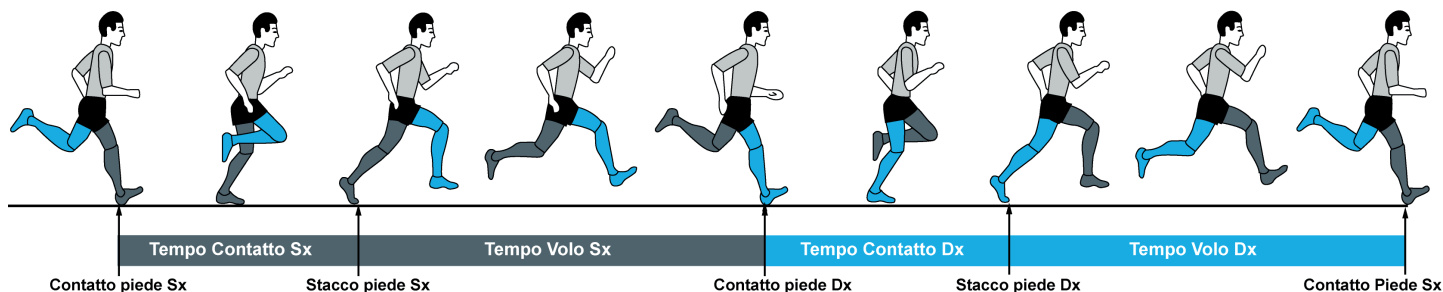
9.1%



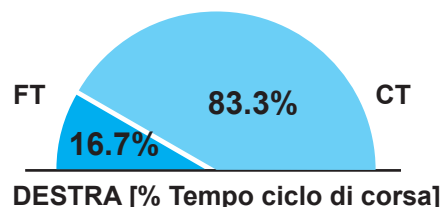
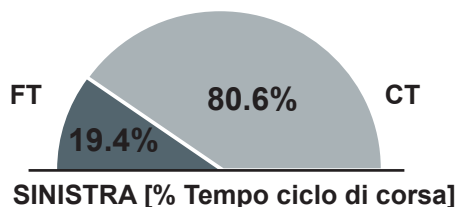
Sinistro Destro

ANALISI DELLA CORSA

PARAMETRI TEMPORALI - TEMPI DI VOLO E DI CONTATTO

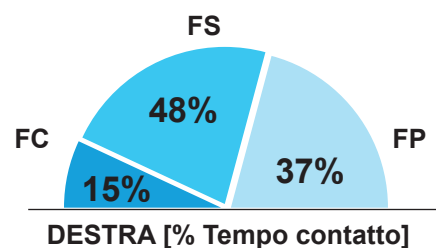
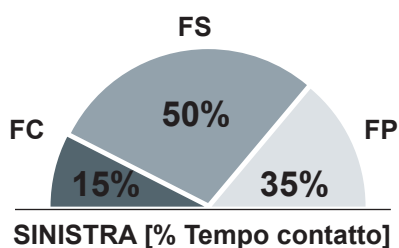


		MEDIA $\pm$ DS	VARIABILITÀ	ASIMMETRIA [Sx-Dx]%
Tempo volo (FT) [s]	Sx	0.079 ± 0.03	12.7%*	15.2%
	Dx	0.067 ± 0.02	13.4%*	
Tempo contatto (CT) [s]	Sx	0.329 ± 0.12	6.5%*	-0.9%
	Dx	0.332 ± 0.11	19.7%*	
Duty factor [%]	Sx	$80.6 \pm 2.3\%$	2.3%	-0.9%
	Dx	$83.3 \pm 1.6\%$	4.1%	
Cadence [passi/min]		152.96 ± 7.56	2.3%	



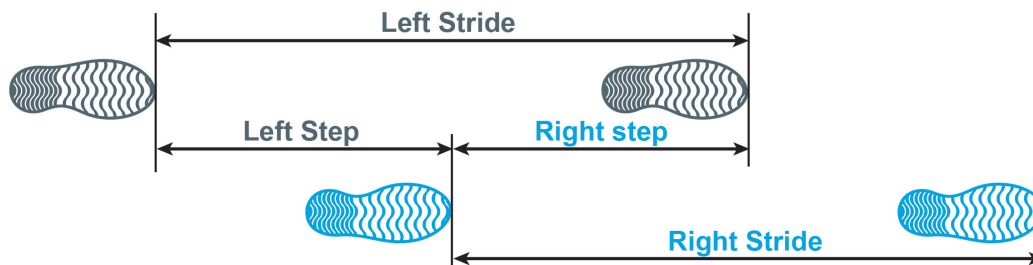
PARAMETRI TEMPORALI - SOTTOFASI

		MEDIA $\pm$ DS	VARIABILITÀ	ASIMMETRIA [Sx-Dx]%
Contact Phase [s]	Sx	0.050 ± 0.03	22.0%*	-2.0%
	Dx	0.051 ± 0.02	23.5%*	
Foot Flat [s]	Sx	0.164 ± 0.12	7.3%*	3.0%
	Dx	0.159 ± 0.21	6.9%*	
Propulsive Phase [s]	Sx	0.115 ± 0.04	7.0%*	-7.0%
	Dx	0.123 ± 0.05	5.7%*	



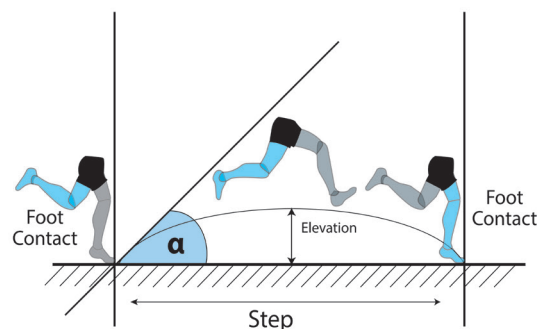
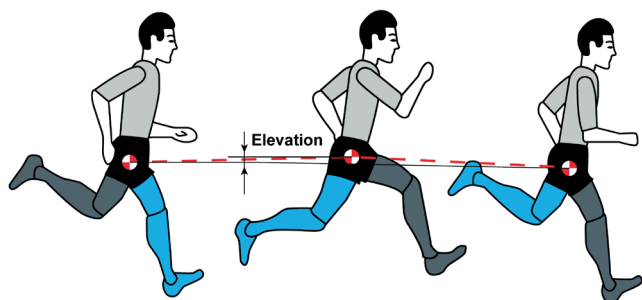
ANALISI DELLA CORSA

PARAMETRI SPAZIALI



		MEDIA $\pm$ DS	VARIABILITÀ	ASIMMETRIA [Sx-Dx]%
Lunghezza passo [cm]	Sx	115 $\pm$ 12	2.6%	4.9% Sx Dx
	Dx	109 $\pm$ 13	2.7%	
Lunghezza falcata [cm]		224 $\pm$ 15	1.7%	

ELEVAZIONE, ALPHA E STIFFNESS VERTICALE



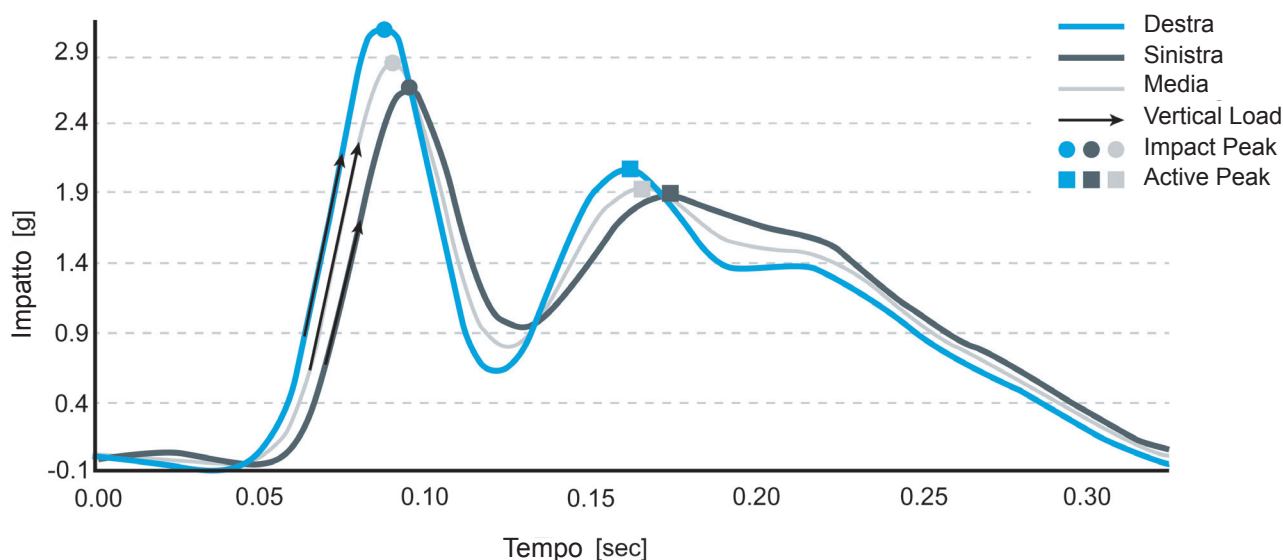
		MEDIA $\pm$ DS	VARIABILITÀ	ASIMMETRIA [Sx-Dx]%
Elevazione [cm]	Sx	0.8 $\pm$ 12	25.0%*	25.0% Sx Dx
	Dx	0.6 $\pm$ 12	33.3%*	
Alpha [deg]	Sx	1.561 $\pm$ 12	23.8%*	25.4% Sx Dx
	Dx	1.164 $\pm$ 12	26.1%*	
Stiffness verticale [kN/m]	Sx	3.85 $\pm$ 1.2	2.5%	2.5% Sx Dx
	Dx	4.02 $\pm$ 1.1	2.1%	

VELOCITÀ

		MEDIA $\pm$ DS	VARIABILITÀ	ASIMMETRIA [Sx-Dx]%
Velocità [m/s]	Sx	2.81 $\pm$ 12	2.1%	2.5% Sx Dx
	Dx	2.74 $\pm$ 12	2.2%	
Velocità media [m/s]		2.78 $\pm$ 12	2.5%	

ANALISI DELLA CORSA

ACCELERAZIONE D'IMPATTO DURANTE IL TEMPO DI CONTATTO

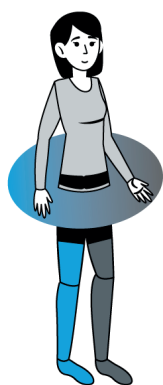


		VALORE	MEDIA	ASIMMETRIA [Sx-Dx]%
Max Impact [g]	Sx	2.70	2.87	-17.2%
	Dx	3.16		
Mean Impact [g]	Sx	1.03	1.01	3.0%
	Dx	1.00		
Peak Impact [g]	Sx	2.70	2.87	-16.3%
	Dx	3.14		
Active Peak [g]	Sx	1.88	1.94	-10.6%
	Dx	2.08		
Time to Impact Peak [ms]	Sx	40	40	0.0%
	Dx	40		
Time to Active Peak [ms]	Sx	125	120	-8.0%
	Dx	115		
Vertical Load [g/sec]	Sx	104.4	103.8	-21.6%
	Dx	126.9		

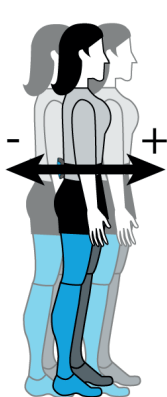
ANALISI DELLA CORSA

PARAMETRI DI POSTURA DINAMICA

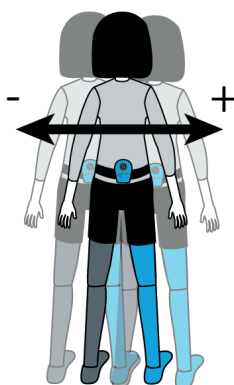
	VALORE MEDIO
Area [cm ²]	32.47
Ant/Post [cm]	2.82
Sinistra/Destra [cm]	-0.52
Inclinazione [deg]	5°
Obliquità [deg]	7°
Strategia di controllo	Strategia prevalente A/P



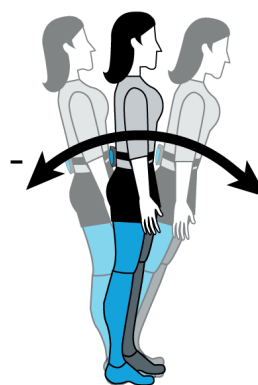
Area of motion



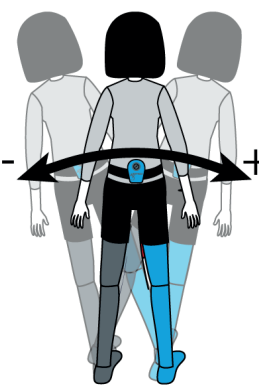
Front-back movements



Left - right movements



Tilt angle



Obliquity angle