

Mario Rossi - 1/1/1990 - Rome - Male 32 years - 175 cm - 70 kg

JOINT ANGLE: NECK FLEXION-EXTENSION

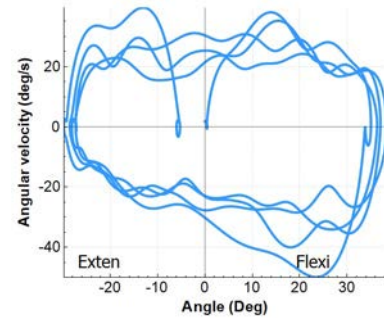
RANGE OF MOTION

MAX	MIN	RANGE	AVERAGE	DELTA	DELTA %
38.4°	-29.8°	68.2°	0.8°	-51.8°	-43.2 %

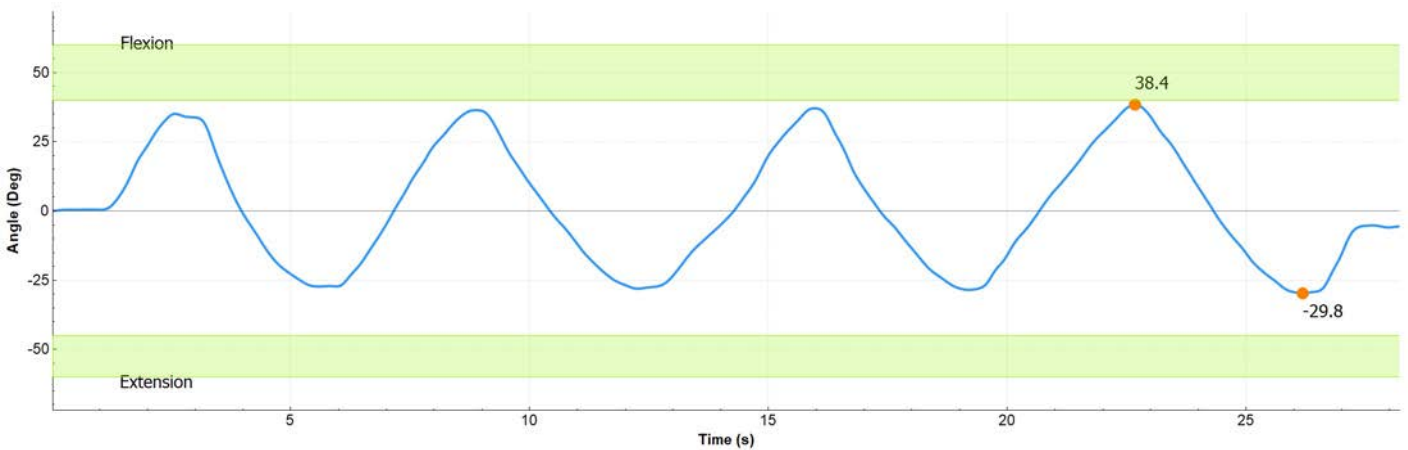
MAXIMUM EXCURSION



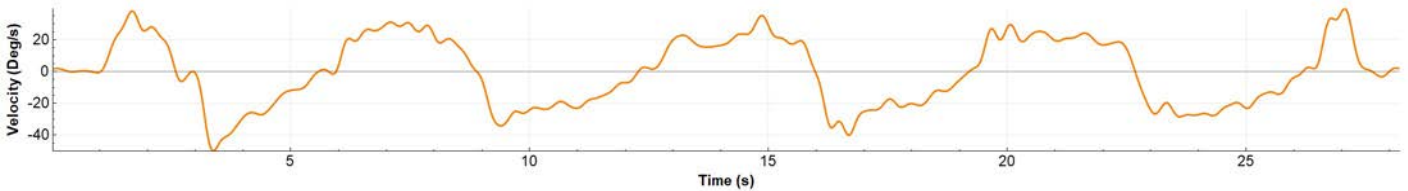
ANGLE VS VELOCITY



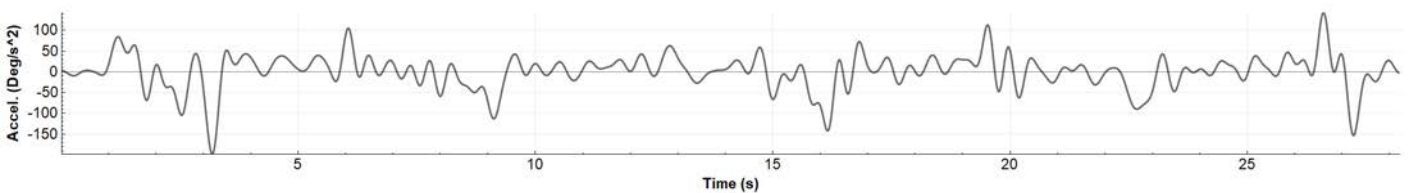
ANGLE



ANGULAR VELOCITY



ANGULAR ACCELERATION



Min Velocity -50°/s	Max Velocity 40°/s	Average Velocity -0.2°/s	Min Acc -198°/s ²	Max Acc 142°/s ²	Average Acc 0.0°/s ²
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JOINT ANGLE: **NECK LATERAL BENDING**

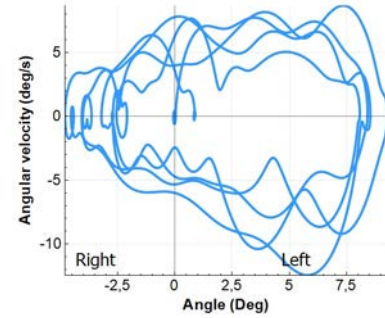
RANGE OF MOTION

MAX	MIN	RANGE	AVERAGE	DELTA	DELTA %
9.3°	-4.8°	14.1°	1.2°	-75.9°	-84.3 %

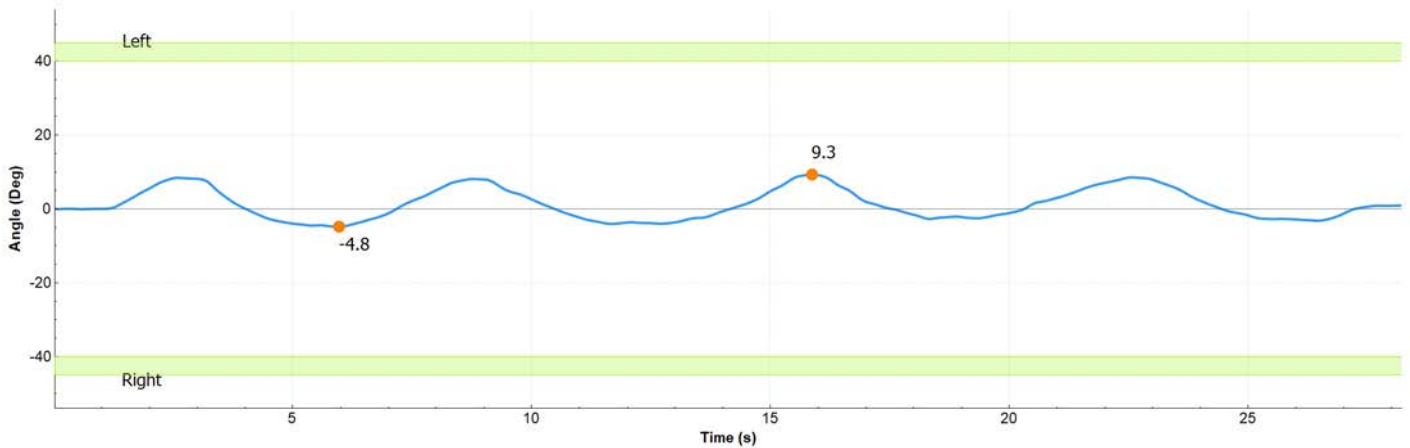
MAXIMUM EXCURSION



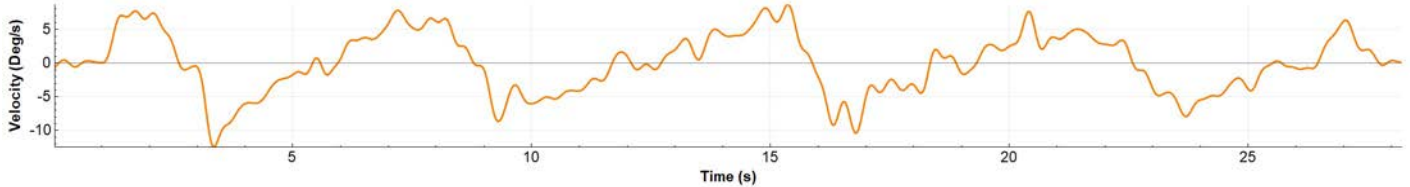
ANGLE VS VELOCITY



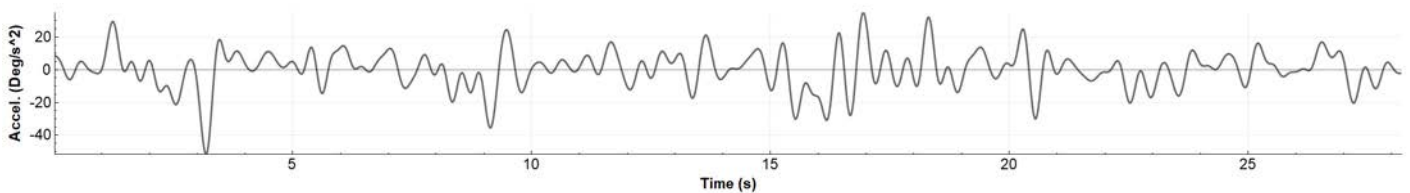
ANGLE



ANGULAR VELOCITY



ANGULAR ACCELERATION



Min Velocity -12°/s	Max Velocity 9°/s	Average Velocity 0.0°/s	Min Acc -52°/s ²	Max Acc 35°/s ²	Average Acc 0.0°/s ²
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JOINT ANGLE: NECK ROTATION

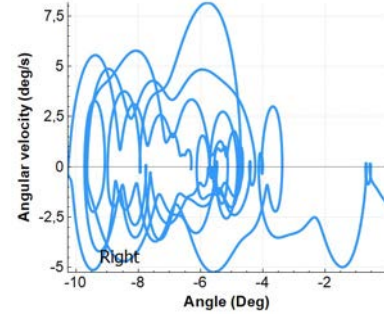
RANGE OF MOTION

MAX	MIN	RANGE	AVERAGE	DELTA	DELTA %
0.0°	-10.3°	10.3°	-6.1°	-149.7°	-93.6 %

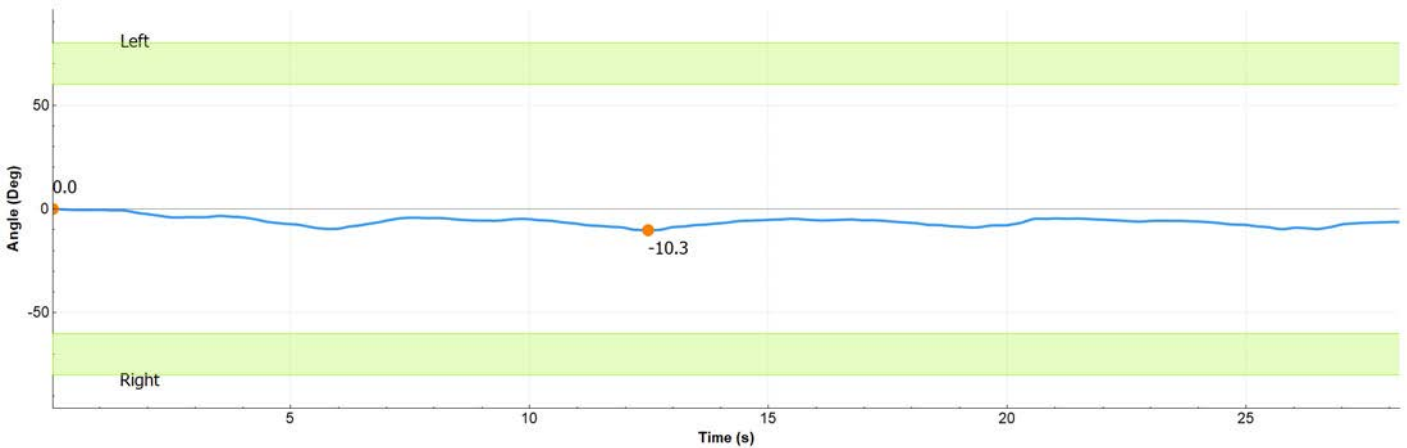
MAXIMUM EXCURSION



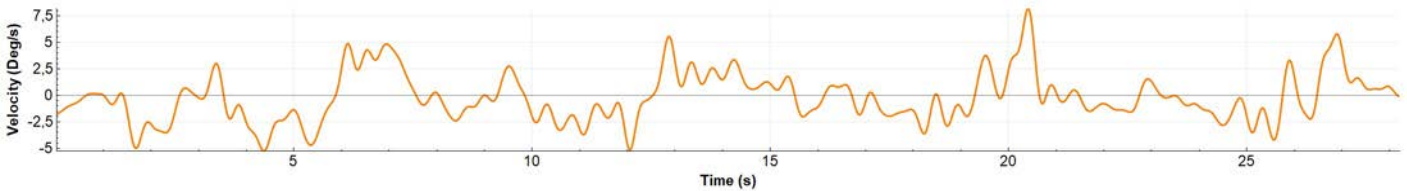
ANGLE VS VELOCITY



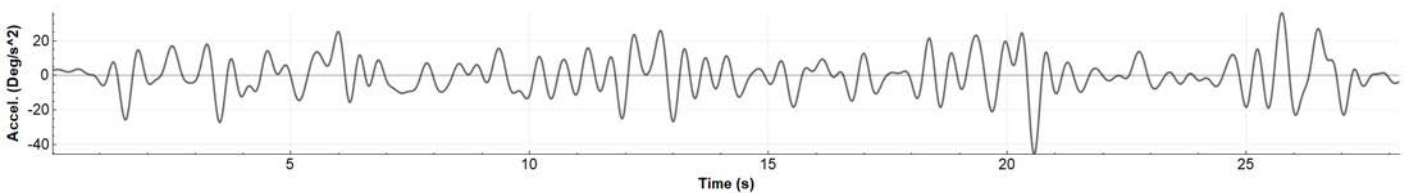
ANGLE



ANGULAR VELOCITY



ANGULAR ACCELERATION



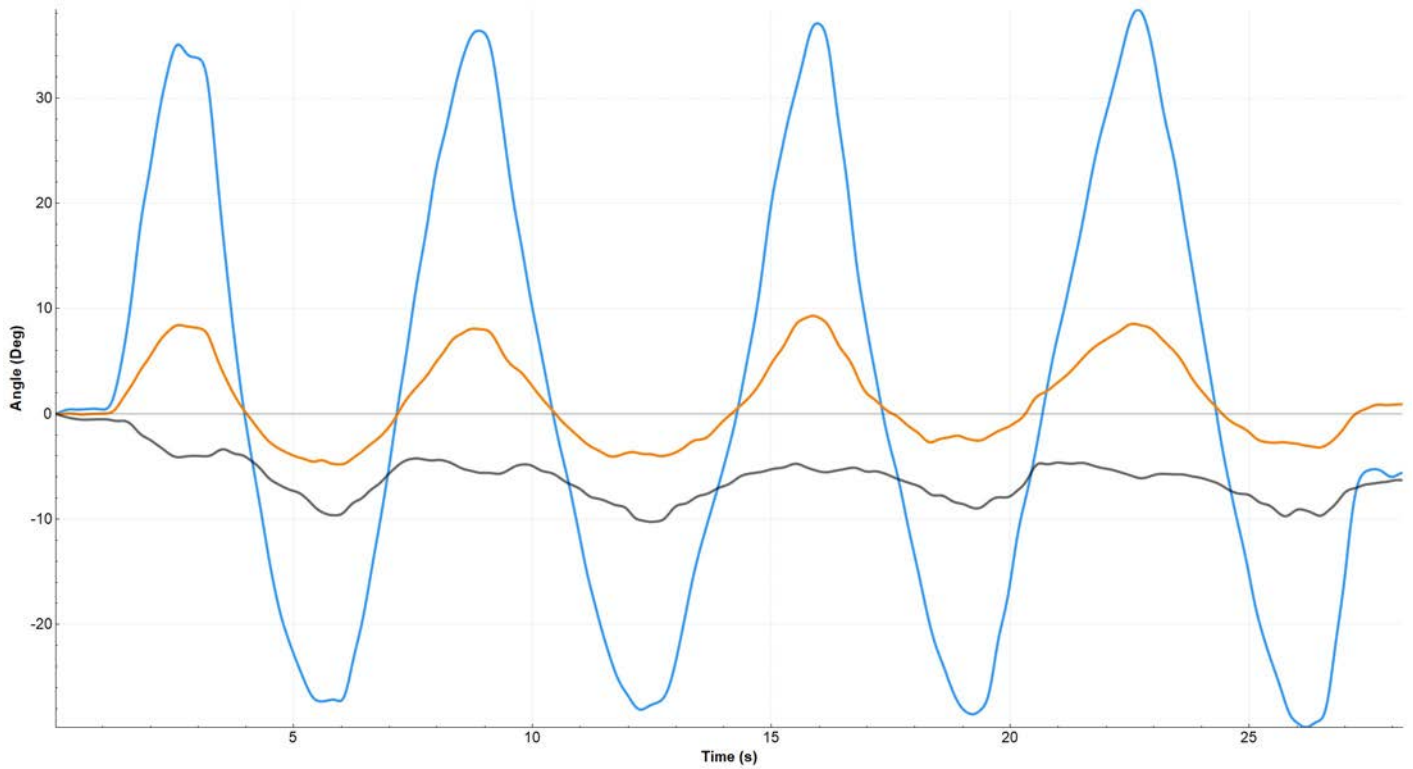
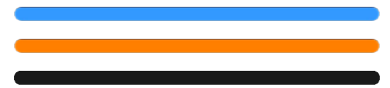
Min Velocity	Max Velocity	Average Velocity	Min Acc	Max Acc	Average Acc
-5°/s	8°/s	-0.2°/s	-46°/s ²	36°/s ²	0.1°/s ²

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MULTI VIEW

JOINT ANGLE 1
JOINT ANGLE 2
JOINT ANGLE 3

NECK FLEXION-EXTENSION
NECK LATERAL BENDING
NECK ROTATION



PARAMETERS

JOINT ANGLE	MAX	MIN	RANGE	AVERAGE	DELTA	DELTA %
NECK FLEXION-EXTENSION	38.4° Flexi	-29.8° Exten	68.2°	0.8° Flexi	-51.8°	-43.2 %
NECK LATERAL BENDING	9.3° Left	-4.8° Right	14.1°	1.2° Left	-75.9°	-84.3 %
NECK ROTATION	0.0° Left	-10.3° Right	10.3°	-6.1° Right	-149.7°	-93.6 %