



**INSTITUTO ROOSEVELT**  
**LABORATORIO ANÁLISIS DE MOVIMIENTO**  
**REPORTE DE GRÁFICAS**

**ADFO-0052**

**NOMBRES:** CHRISTOPHER MATIAS

**FECHA EXÁMEN:** 19/12/2022

**APELLIDOS:** RAMIREZ GOMEZ

**N° DOCUMENTO:** 1011235704

**F. NACIMIENTO:** 12/11/2014

**ARCHIVO:** \_\_\_\_\_ 6559~aa~Walking 05

**DIAGNÓSTICO:** SEC. ENF. CEREBROVASCULAR

**PARÁMETROS TEMPORALES**

**VALORES NORMALES**

|                              | DER.      | IZQ.     | DER.          | IZQ.       |
|------------------------------|-----------|----------|---------------|------------|
| <b>FASE DE APOYO (%)</b>     | 60 ± 0    | 63.7 ± 0 | 58.5 ± 2.1    | 58.7 ± 2.9 |
| <b>FASE DE VUELO (%)</b>     | 40 ± 0    | 36.3 ± 0 | 41.5 ± .9     | 41.3 ± 2.9 |
| <b>DOBLE APOYO (%)</b>       | 7.1 ± 0   | 19 ± 0   | 5.3 ± .6      | 5.7 ± .8   |
| <b>DURACIÓN APOYO (s)</b>    | 0.67 ± 0  | 0.75 ± 0 | 0.57 ± .06    | 0.58 ± .08 |
| <b>DURACIÓN BALANCEO (s)</b> | 0.45 ± 0  | 0.43 ± 0 | 0.41 ± .04    | 0.42 ± .03 |
| <b>TIEMPO DE ZANCADA (s)</b> | 1.12 ± 0  | 1.18 ± 0 | 0.98 ± .1     | 0.99 ± .1  |
| <b>CADENCIA (pasos/min)</b>  | 104.4 ± 0 |          | 132.63 ± 4.32 |            |

**PARÁMETROS ESPACIALES**

**VALORES NORMALES**

|                                 | DER.     | IZQ.     | DER.       | IZQ.       |
|---------------------------------|----------|----------|------------|------------|
| <b>LONGITUD DE PASO (m)</b>     | 0.42 ± 0 | 0.37 ± 0 | 0.54 ± .03 | 0.55 ± .02 |
| <b>LONGITUD DE ZANCADA (m)</b>  | 0.86 ± 0 | 0.87 ± 0 | 1.09 ± .07 | 1.08 ± .08 |
| <b>ANCHO DE PASO (m)</b>        | 0.18 ± 0 | 0.18 ± 0 | 0.11 ± .02 | 0.11 ± .03 |
| <b>VELOCIDAD PROMEDIO (m/s)</b> | 0.75     |          | 1.21 ± .16 |            |



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### GAIT PROFILE SCORE (GPS)

**DERECHO** **IZQUIERDO**

$6.8 \pm 0$

$8.1 \pm 0$

### GAIT VARIABLE SCORE (GVS)

ÍNDICE DESVIACIÓN ARTICULAR ( $\leq 7$ )

**DERECHO** **IZQUIERDO**

|                         |              |              |
|-------------------------|--------------|--------------|
| INCLINACIÓN PÉLVICA     | $6.2 \pm 0$  | $5.4 \pm 0$  |
| OBLICUIDAD PÉLVICA      | $5.3 \pm 0$  | $5.3 \pm 0$  |
| ROTACIÓN PÉLVICA        | $11.8 \pm 0$ | $7.3 \pm 0$  |
| FLEXO-EXTENSIÓN CADERA  | $7.7 \pm 0$  | $7.6 \pm 0$  |
| ABD-ADD CADERA          | $3.6 \pm 0$  | $7.7 \pm 0$  |
| ROTACIÓN INT-EXT        | $3.8 \pm 0$  | $7.2 \pm 0$  |
| FLEXO-EXTENSIÓN RODILLA | $15 \pm 0$   | $10.1 \pm 0$ |
| FLEXO-EXTENSIÓN TOBILLO | $6.3 \pm 0$  | $7.8 \pm 0$  |
| PROGRESIÓN DEL PIE      | $6.9 \pm 0$  | $12.5 \pm 0$ |

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## LABORATORIO ANÁLISIS DE MOVIMIENTO

### CINEMÁTICA

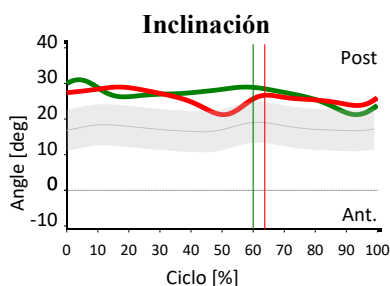
NOMBRE: CHRISTOPHER MATIAS

Nº DOCUMENTO: 1011235704

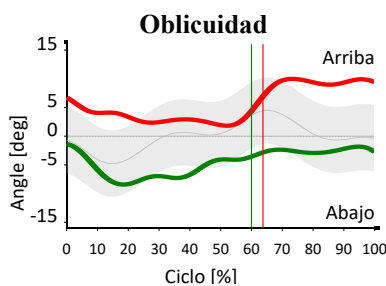
APELLIDO: RAMIREZ GOMEZ

#### CORONAL

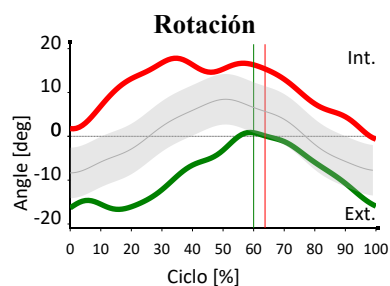
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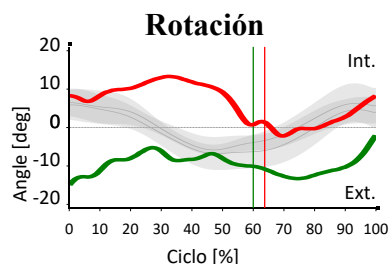
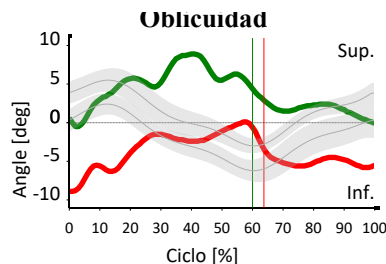
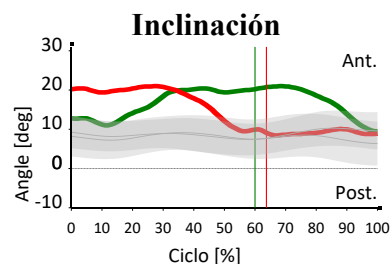
##### TRONCO



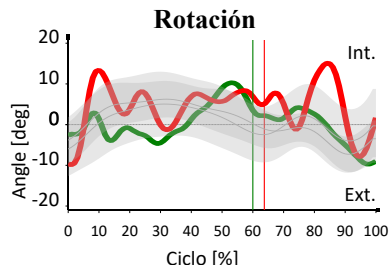
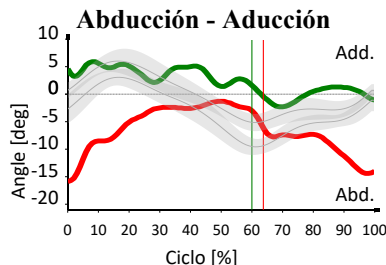
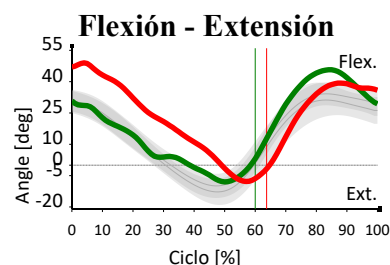
##### TRANSVERSO



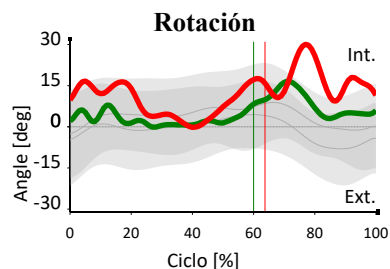
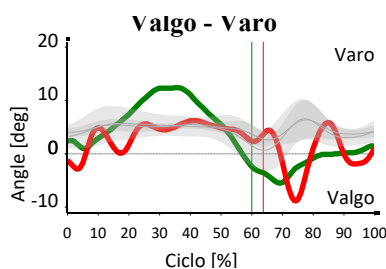
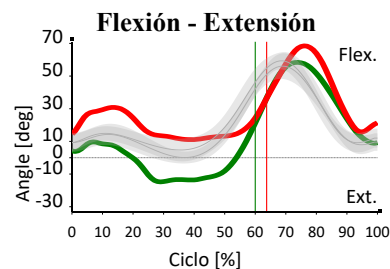
#### PELVIS



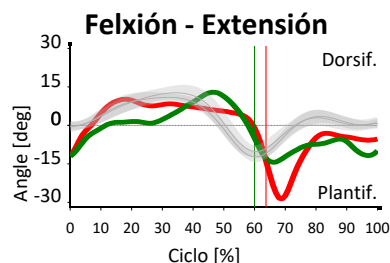
#### CADERA



#### RODILLA



#### TOBILLO

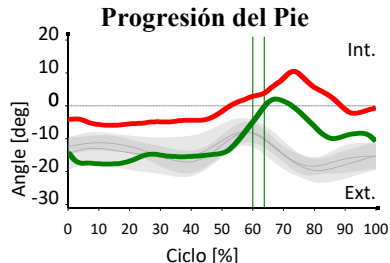


#### GAIT DEVIATION INDEX (GDI)

Índice de Desviación de Marcha ( $\geq 100$ )

**DERECHO** 95.6

**IZQUIERDO** 99.2

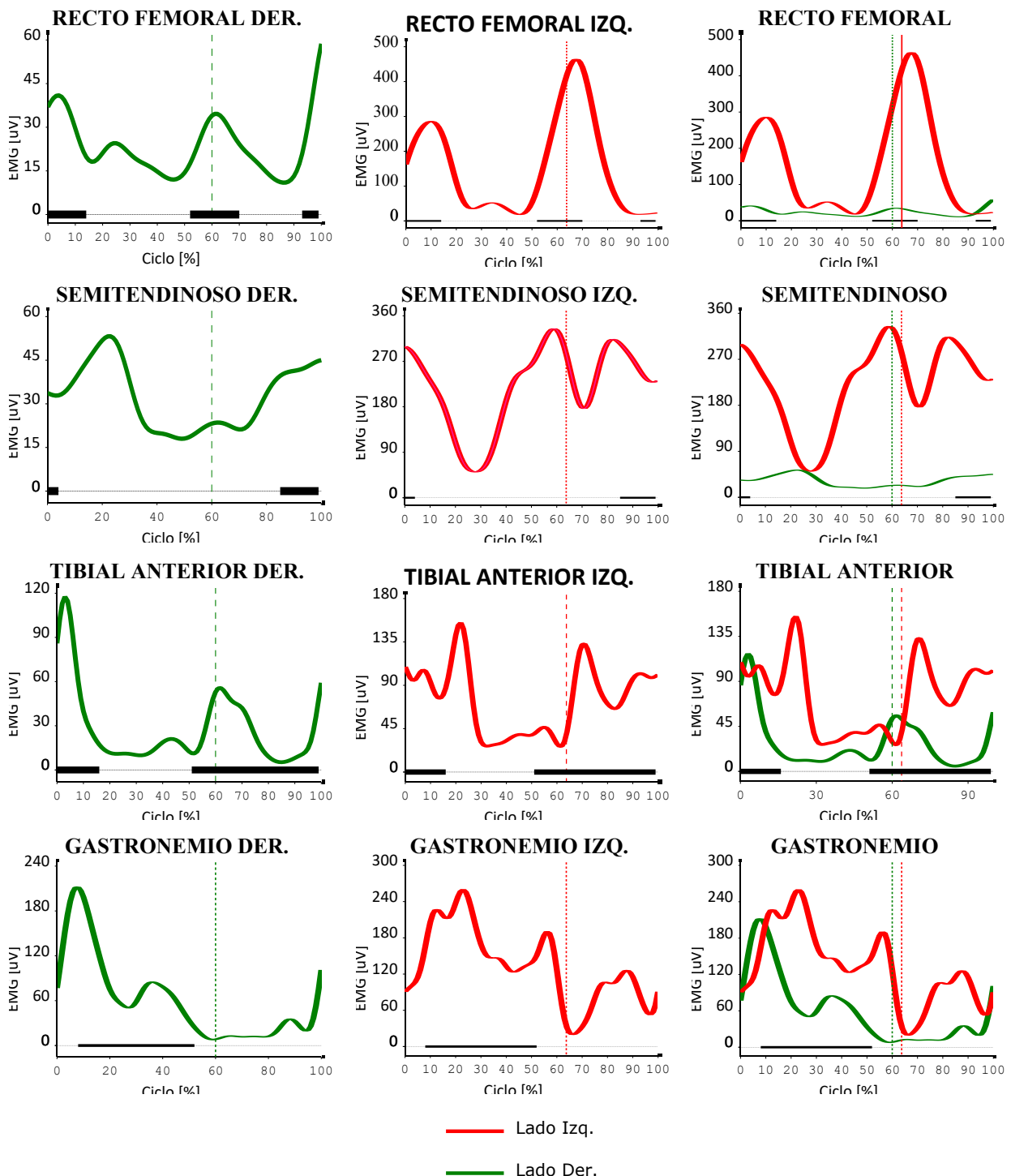


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### ELECTROMIOGRAFÍA





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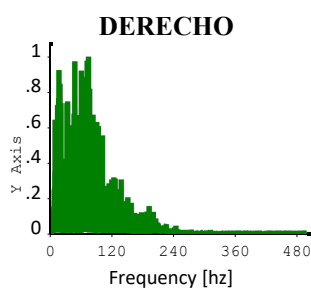
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APELLIDOS: RAMIREZ GOMEZ

### EMG - ESPECTROS DE FRECUENCIA

#### RECTO FEMORAL



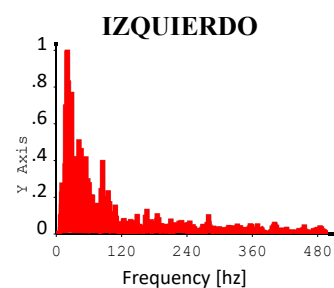
MEDIANA [Hz]

DER.

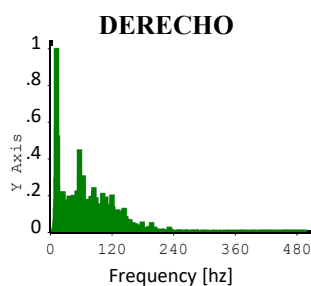
1110.1

IZQ.

4143.22



#### SEMITENDINOSO



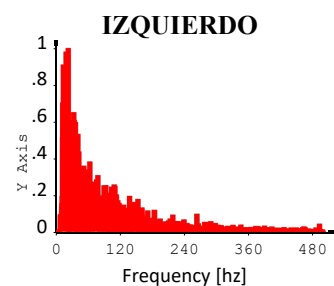
MEDIANA [./min]

DER.

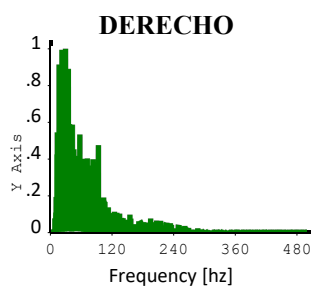
4538.66

IZQ.

3989.77



#### TIBIAL ANTERIOR



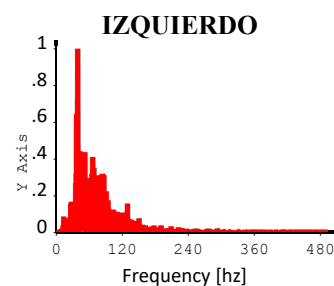
MEDIANA [./min]

DER.

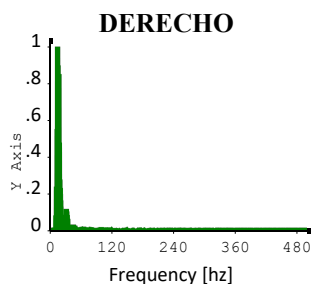
2886.09

IZQ.

3983.87



#### GASTRONEMIO MEDIAL



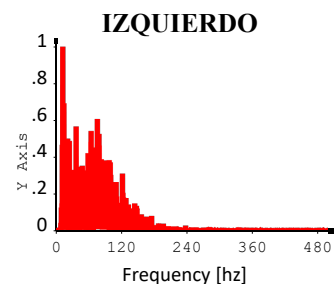
MEDIANA [Hz]

DER.

1009.29

IZQ.

4290.77



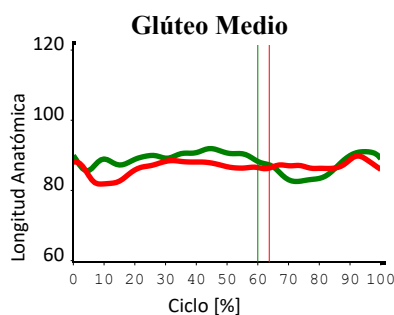
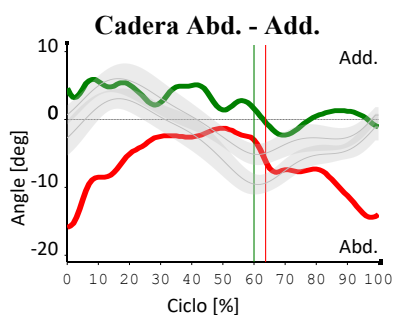
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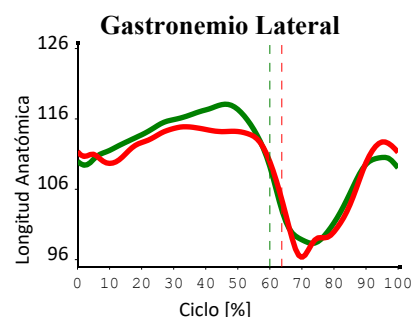
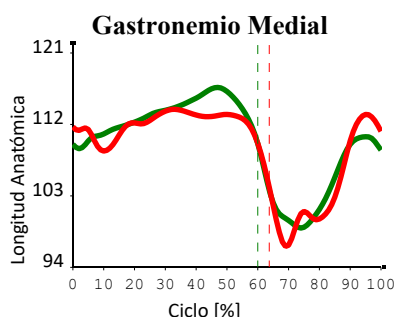
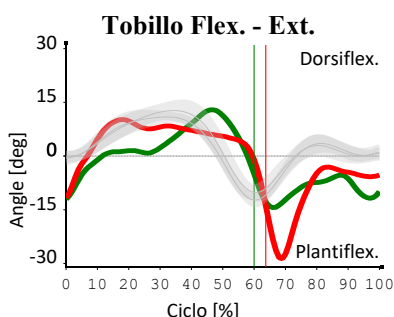
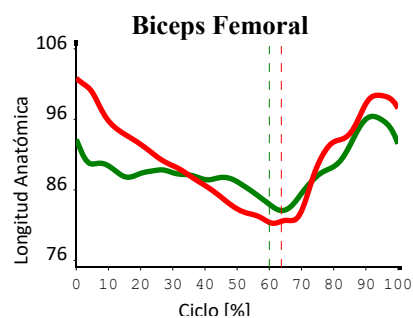
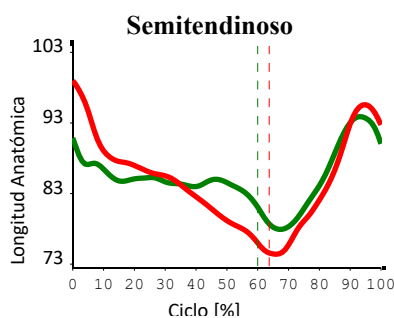
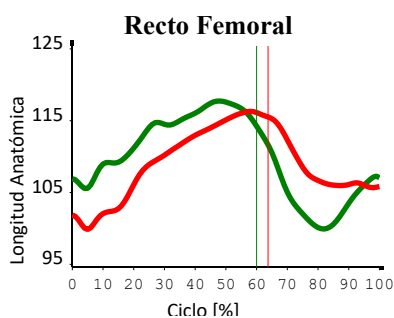
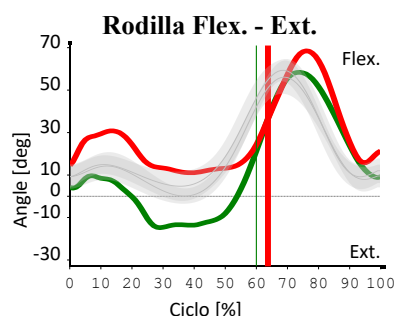
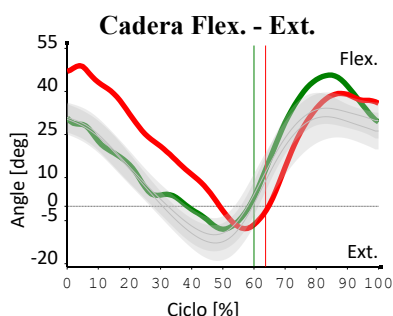
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### CINEMÁTICA Y LONGITUDES MUSCULARES

#### % ANATÓMICO



— Lado Izq.  
— Lado Der.



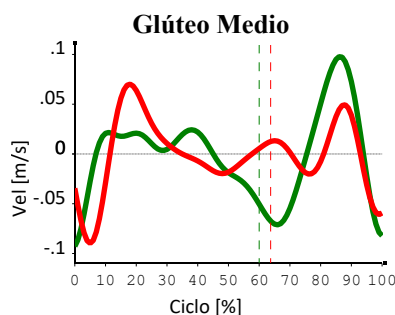
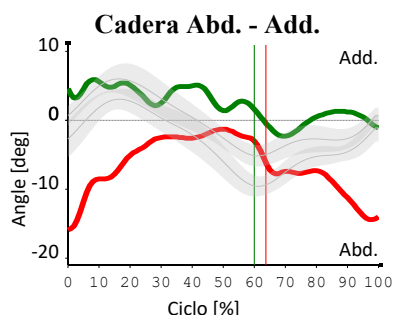
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### CINEMÁTICA Y VELOCIDADES MUSCULARES

#### % ANATÓMICO



— Lado Izq.  
— Lado Der.

