



## BILAN FONCTIONNEL DU GENOU

**Nom et prénom :** TRAVOLTA JOHN

**Date de naissance :** 06/09/1994

**Sexe :** M

**Taille :** 120cm

**Poids :** 20kg

**Côté lésé :** Gauche

**Type de lésion :** LA CHIRURGIE D'ALEMBERT DE DOUX JESUS MARIE JOSEPH LAURIANNE  
LE MAIRE LE BEAU

Date du rapport : 17/09/2024  
Date du test numero T1 : 3 mois  
Date du test numero T2 : 6 mois  
Date du test numero T3 : 9 mois

Cabinet Kiné Sport Rochois - 21a chemin du Lycée, 74800 La Roche sur Foron  
kinesportrochois@gmail.com - 04 50 25 65 49

Legende tableau	Bon	Moyen	Insuffisant
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Amplitudes articulaires	Membre sain	Membre lésé T1	Membre lésé T2	Membre lésé T3
Flexion (°)	90	45	55	65 (↑10.0°)
Extension (°)	180	150	155	173 (↑18.0°)

	T1	T2	T3
Test d'accroupissement	Genant avec EVA < 2/10	Bon avec EVA = 0	Impossible

Périmètres	Membre sain T1	Membre sain T2	Membre sain T3	Membre lésé T1	Membre lésé T2	Membre lésé T3
Mollet (cm)	45	56.8	60.2 (↑3.4cm)	31	33.5	46.5 (↑13cm)
Sommet rotule +10(cm)	60	65.8	72.1 (↑6.3cm)	45	45	66.8 (↑21.8cm)
Sommet rotule +20(cm)	70.5	80.8	90.6 (↑9.8cm)	55	45.8	70.8 (↑25cm)

Ratio Ischio-jambiers / Quadriceps	Membre sain T1	Membre lésé T1	Membre sain T2	Membre lésé T2	Membre sain T3	Membre lésé T3	Asymétrie T3
FMax Ischios (N.kg-1)	65	40	70	45	81 (↑16%)	64 (↑42%)	-21%
FMax Quadriceps (N.kg-1)	30	15	40	20	30 (↓-25%)	30 (↑50%)	0%
Ratio	2.17	2.67	1.75	2.25	2.70	2.13	

Ratio Adducteurs / Abducteurs	Membre sain T1	Membre lésé T1	Membre sain T2	Membre lésé T2	Membre sain T3	Membre lésé T3	Asymétrie T3
FMax Adducteurs (N.kg-1)	60	50	62	52	50 (↓-19%)	54 (↑4%)	8%
FMax Abducteurs (N.kg-1)	39	32	40	34	76 (↑90%)	38 (↑12%)	-50%
Ratio	1.54	1.56	1.55	1.53	0.66	1.42	

	T1	T2	T3
Test ACL-RSI	60/100	30/100	80/100

Test Squat Jump Bipodal	Hauteur de saut (cm)	FMax (N.kg-1)	Pmax (W.kg-1)	RFDMax (N.s)
T1	50.4	60	20	60
T2	60.9	78	45	72
T2	70.8 (↑9.9cm)	83 (↑6%)	66 (↑47%)	86 (↑19%)

Test CMJ Bipodal	Hauteur de saut (cm)	FMax (N.kg-1)	PMax (W.kg-1)	RFD Deceleration Excentrique (N.s-1)	Temps de mouvement (ms)	RSI Modifie
T1	60.8	50	50	600	500	1.22
T2	61.7	64	54	607	650	0.95
T3	87 (↑25.3cm)	71 (↑11%)	59 (↑9%)	650 (↑7%)	850 (↑31%)	1.02

Test DropJump Bipodal	Hauteur de saut (cm)	FMax (N.kg-1)	RFDMax(N.s)	Temps de vol (ms)	Temps de contact (ms)	RSI
T1	60	50	50	500	500	1.00
T2	100.5	56	64	580	660	0.88
T3	200.8 (↑100.3cm)	60 (↑7%)	84 (↑31%)	660 (↑14%)	810 (↑23%)	0.81

Test CMJ Unipodal	Membre sain T1	Membre lésé T1	Membre sain T2	Membre lésé T2	Membre sain T3	Membre lésé T3	Asymétrie T3
Hauteur de saut (cm)	100.2	20	405.8	60	90.8 (↓-315cm)	90 (↑30cm)	-1%
FMax (N.kg-1)	60	20	67	30	71 (↑6%)	40 (↑33%)	-44%
PMax (W.kg-1)	67	47	74	57	82 (↑11%)	64 (↑12%)	-22%

Test DropJump Unipodal	Membre sain T1	Membre lésé T1	Membre sain T2	Membre lésé T2	Membre sain T3	Membre lésé T3	Asymétrie T3
Hauteur de saut (cm)	50.7	40.8	60.8	42.5	74 (↑13.2cm)	48.6 (↑6.1cm)	-34%
FMax (N.kg-1)	85	45	94	65	106 (↑13%)	87 (↑34%)	-18%
RFDMax (N.s)	90	44	92	11	98 (↑7%)	80 (↑627%)	-18%
Temps de contact (ms)	500	1000	507	1100	600 (↑18%)	1200 (↑9%)	100%

KStart T1	50/100	Reprise de sport seulement dans l'axe
KStart T2	67/100	Reprise de sport multidirectionnel, mais sans contacts
KStart T3	80/100	Reprise de sport multidirectionnel avec contact

**Interprétation du kinésithérapeute :**

dfge rt

**Axes à améliorer :**

- Renforcement des ischios jambiers
- Renforcement des muscles stabilisateurs latéraux (moyen fessiers et pelvi-trochanterien)
- Renforcement des muscles intrinseques stabilisateurs du pied



# German MORENO

29 years old, French  
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+4792929616  
Living in Oslo, NORWAY  
Norwegian ID number & driving license B

## EDUCATION

**Master in Robotics and Interactive Systems**  
UPSSITECH Engineering School - COMPUTER  
SCIENCE, AUTOMATION & CONTROL SCIENCES  
Institute - Toulouse, FRANCE

**Semester abroad in Robotics**  
Pontifical Catholic University of Chile (3rd  
university of South America) - CHILE

**Bachelor in Computer Science**  
University Toulouse III, FRANCE

## SPOKEN LANGUAGES

English - Fluent	★★★★☆
French - Mother tongue	★★★★★
Spanish - Fluent	★★★★☆
Norwegian - Basic	★★☆☆☆

## PROGRAMMING LANGUAGES

• C & C++	• MATLAB
• Java	• Python

## TOOLS

• Qt Framework	• ROS
• Git	• Linux
• SQLyog	• mySQL

## INTERESTS



Judo



Hike &  
Mountaineering



Travel



Board games

## ROBOTIC ENGINEER



## PROFESSIONAL EXPERIENCE

▶ OCT 2018 - JAN 2023

### Engineer C++

- 4Axes - Healthcare data flow concentrator for national private and public hospitals and health mutuals - FRANCE

**Software Developer (C++)** - Conception and continuous improvement of a file processing chain

- Create and participate in the information system improvements → software architect
- Develop applicative tool (frontend & backend) with OCR to allow users to process a huge amount of PDF files (~15k/day), aggregate data and push it into database
- Increase automatic treatment and reduce the user manual treatment
- Develop monitoring, statistics and tracking tool to supervise and manage daily flow activity ---> Key Performance Indicators (KPI) implementation
- Develop directory to automate client and partners flow configuration

**C++, Framework Qt, Database SQL (MySQL), MariaDB, Omnipage Ultimate**

- **Technical Manager** for external and internal relations on IT systems - intern support for the software products

- IT customer (hospitals) relationship management
- IT partner (healthcare mutuals) relationship management
- Multi-service tasking (commercial, front office, back office, formation)

**Time management, User Documentation, teamwork**

- **System Administrator**

- Manage VM hosted on local servers
- Software integration and monitoring
- Server migrations management
- IT Help Desk support worker

**Windows, Batch, VMWare, Core FTP**

▶ MAR 2018 - AUG 2018

### Robotic Trainee

Maquintel Robotics Services - create robotics equipment to increase reliability and sustainability in mining industry - CHILE

**IT referent, data analyst and mining inspector**

- Software development and integration
- Improve data analysis given by robotics supplies
- Robotics inspections management into the mining industry
- Represent the company at trade fairs and mining expositions

**QT Creator, ROS, MATLAB, Mining environment, Robotic guidance, 3D simulation and modelling, image processing**



## OUTSTANDING EXPERIENCES



Gap year in Colombia - research into the origins (feb 2023 - may 2024)



Judo, black belt and national high level competitor  
26 years of practice - Toulouse National Team