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

Legende tableau	Bon	Moyen	Insuffisant

Amplitudes articulaires	Membre sain	Membre lésé T1
Flexion (°)	90	45
Extension (°)	180	150

	T1
Test d'accroupissement	Genant avec EVA < 2/10

Périmetres	Membre sain T1	Membre lésé T1
Mollet (cm)	45	31
Sommet rotule +10(cm)	60	45
Sommet rotule +20(cm)	70.5	55

Ratio Ischio-jambiers / Quadriceps	Membre sain T1	Membre lésé T1	Asymétrie T1
FMax Ischios (N.kg-1)	65	40	-38%
FMax Quadriceps (N.kg-1)	30	15	-50%
Ratio	2.17	2.67	

Ratio Adducteurs / Abducteurs	Membre sain T1	Membre lésé T1	Asymétrie T1
FMax Adducteurs (N.kg-1)	60	50	-17%
FMax Abducteurs (N.kg-1)	39	32	-18%
Ratio	1.54	1.56	

	T1
Test ACL-RSI	60/100

Test reception Unipodal	**Membre sain**	**Membre lésé**	**Asymetrie (%)**
Temps de stabilisation (ms)	1000	300	-70%

Controle du tronc/bassin :	bon controle du tronc
1er controle du genou :	Bon controle du genou dans le plan frontal
2e controle du genou :	Récéption avec angle de flexion suffisant, bon amorti
Repartition de la charge au niveau du pied	Centrée au medio pied
	Récéption exagerée sur le bord interne du pied
Ellipse de confiance :	Ellipse de confiance majoree coté opéré par rapport au cote sain

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

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

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

Test CMJ Unipodal	Membre sain T1	Membre lésé T1	Asymétrie T1
Hauteur de saut (cm)	100.2	20	-80%
FMax (N.kg-1)	60	20	-67%
PMax (W.kg-1)	67	47	-30%

Test DropJump Unipodal	Membre sain T1	Membre lésé T1	Asymétrie T1
Hauteur de saut (cm)	50.7	40.8	-20%
FMax (N.kg-1)	85	45	-47%
RFDMax (N.s)	90	44	-51%
Temps de contact (ms)	500	1000	100%

KStart T1	50/100	Reprise de sport seulement dans l'axe

German MORENO

29 years old, French
gmoreno@orange.fr
+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

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

PROGRAMMING LANGUAGES

- C & C++
- Java
- MATLAB
- Python

TOOLS

- Qt Framework
- Git
- SQLyog
- ROS
- Linux
- mySQL

INTERESTS

Judo

Hike & Moutaineering

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 sustainibilty 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