

Thank you for this
Dessintey 1st Summer School!

Program | Scientific & International meeting

Tuesday

13:00	Welcome + round of introduction
	Clinics and centers presentations
16:00	Break
17:15	Roundtable on Ukraine
19:00	Dinner

Wednesday

8:30	3 groups for demos & hands-on testing on Dessintey solutions: - ARM Lab - GAIT Lab - SRT Lab + visit of the company
	3 groups for demos & hands-on testing on Dessintey solutions: - ARM Lab - GAIT Lab - SRT Lab + visit of the company
12:00	Lunch
13:00	ARM Lab & Gait Lab presentation
13:30	3 groups for presentations and hands-on testing on Dessintey solutions: - ARM / GAIT / SRT Labs
15:30	Sum up & Conclusion
15:30	Transfers

Thursday

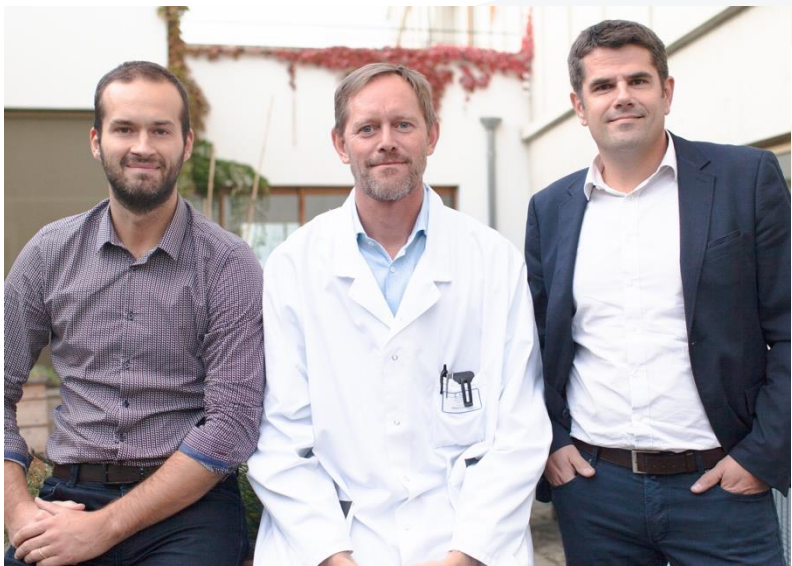
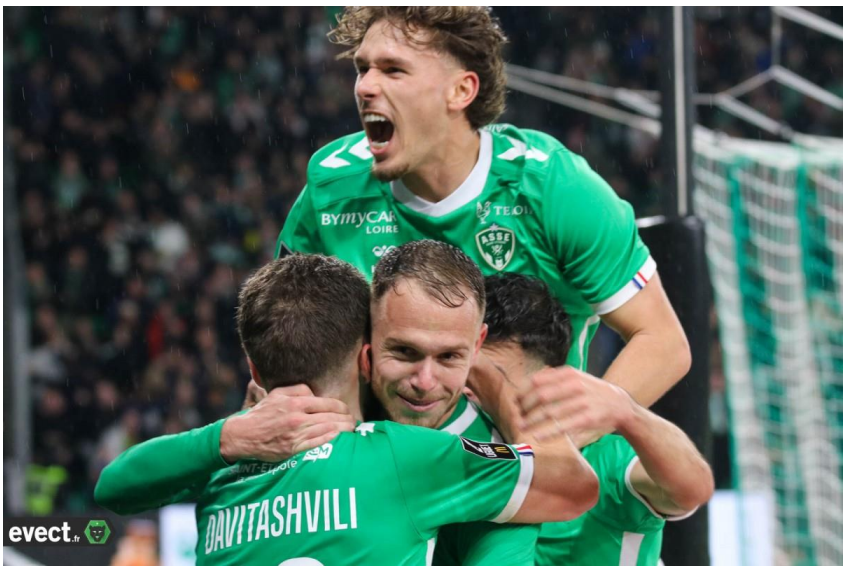
8:30	Training with our distribution partners
12:00	Lunch
13:00	Transfers



Dessintey

Who are we?

Dessintey : A legacy of medical innovation





A company that grows and owns its growth



Our mission

Accelerate patient recovery
to ensure greater autonomy

Founded in 2017

Co-founders :

- Nicolas FOURNIER : CEO
- Davy LUNEAU : Product
- Pr. Pascal GIRAUX : Research

- +10M€ turnover in 2025
(+50% growth vs 2024)
- 27 employees
- HQ & Production : St-Etienne (FR)
- Dessintey GmbH : Cologne (DE)
- ISO 13485 Certified

A growing distribution network with a strong reputation



+30 countries covered in EMEA & ASIA
+450 IVS installed throughout the world



Headquarters and production in France



Dessintey GmbH



- Germany



- Austria

- Switzerland



A distinctive therapeutic positioning

Moving Minds, Empowering Bodies

OTHER
PLAYERS



REHABILITATION
MAINLY FOCUSES
ON MOTOR EXECUTION

DESSINTEY

COGNITIVE FUNCTIONS

Perception – Memory –
Decision making

ACTION PLANNING

Strategizing complex
sequences of actions

MOTOR EXECUTION

Execute & control
movement

COGNITIVE FUNCTIONS
SUPPORT AND AMPLIFY
OUR ABILITY TO MOVE
EFFICIENTLY

Our DNA



Solutions have been designed over the following fundamentals:



**Wide inclusion
criteria**



**Easy to use
(Therapist & Patient)**



**Strong scientific
background**



**Affordable
equipment**



**Eco friendly
design**

+350 clinics equipped in the world



Hospices Civils de Lyon



Université
Nice
Sophia Antipolis



ASSISTANCE
PUBLIQUE
HÔPITAUX
DE PARIS



ELSAN



Ramsay
Générale
de Santé



emeis



inicea



KLINIKEN
VALENS



BGU Murnau
Berufsgenossenschaftliche
Unfallklinik Murnau



SCHÖN
KLINIK
Bad Aibling Harthaus



VITREA



MEDIAN



LIPPOLDSBERG



MEDICLIN



ASKLEPIOS
Klinik Schaufling



VALMONT
Clinique privée de réadaptation



NewYork-Presbyterian
The University Hospital of Columbia and Cornell



azdelta
Uw ziekenhuis.



REVARTe
revalidatie ziekenhuis



universiteit
hasselt



Institut
Guttman



CLINQUES
DE L'EUROPE
EUROPA
ZIEKENHUIZEN
advanced care - personal touch



SERVIZIO SANITARIO REGIONALE
EMILIA-ROMAGNA



VILLA BERETTA
Rehabilitation Research Innovation
INSTITUTE



univerzitetni
klinični center ljubljana
University Medical Centre Ljubljana



강남세브란스병원
GANSANG SEVERANCE HOSPITAL



crr sion
clinique romande de réadaptation



九龍醫院
KOWLOON HOSPITAL



香港中文大學醫院
CUHK
Medical Centre



Our 1st innovation

IVS | Intensive Visual Simulation

A unique lateralized brain stimulation dedicated to movement recovery & chronic pain treatment

- Reinstating coherence between what the patient intends to do and the sensations he perceives promotes motor learning and pain relief
- A new approach to mirror therapy

IVS₃ for upper limbs

EU - US Patent
CE FDA Registered



IVS₄ for lower limbs

EU Patent
CE FDA Registered



Evidence-based therapy driven

Transforming proven therapies into user-friendly devices for superior patient compliance and results

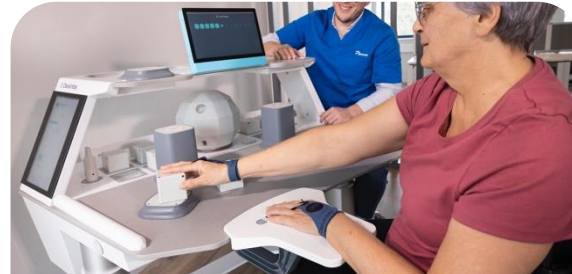
Indications

- Neurology
- Orthopedics
- Geriatrics
- Pediatrics

Mirror Therapy
(MT)



Constraint Induced
Movement Therapy
(CIMT)



Group therapy
Self-Rehabilitation
(SR)



IVS | Intensive Visual
Simulation

- Visual Simulation Training
- Body awareness & action planning
- Proximal and distal training

STIIMP | Implicit Induced
Stimulation

- Strengthen and enhance the use of the pathological limb
- Smart and connected objects
- Intensive uni- and bi-manual activities

SRT Lab | Group Therapy + Self-Rehabilitation

- Group Therapy + Self-Rehabilitation
- Increase patients' dose of activity
- Rich and playful environment with cognitive & motor activities

To be combined in **ARM or GAIT studios** (e.g. FES, robot assisted therapy, etc.)

New devices officialy in our Portfolio

NEW

Robotic Assisted Therapy
(RAT)



REApplan®

- Motor execution and performance
- End-effector-type device
- Auto-adaptative upper limb rehabilitation

NEW

HABIT-ILE technic
(Hand and Arm Bimanual Intensive
Training Including Lower Extremity)



REAtouch® / REAtouch OBOC
/ REAtouch Lite 2

- Interactive & playful table
- Intensive motor & cognitive rehabilitation
- Uni-/bimanual activities
- Body awareness and movement control

A strong customer orientation

We provide more than just a device

- Training and clinical support to therapists
- Ensure an intensive use of the devices
- We offer full support with clinical application specialists to train and guide therapists, ensuring they maximize the use of our rehabilitation solutions.



Our vision | Patient centered

Dessintey : an energy catalyst

- We focus on **improving patients' quality of life**, with the support of clinicians
- More and more clinics and hospitals come to us because they **join this vision**
- Growth is not an objective, it's a consequence



Scientific Board - Research



NewYork-Presbyterian
The University Hospital of Columbia and Cornell

Pr. Joël STEIN
NY Presbyterian
Hospital - **US**



SCHÖN
KLINIK

**Dr. Friedemann
MÜLLER**
Schön Klinik - **DE**



VILLA BERETTA
BIOETHICS, NEUROSCIENCE
INSTITUTE

Dr. Franco MOLteni
Villa Beretta - **IT**



KLINIKEN
VALENS

Jens BANSI, PhD
Kliniken Valens - **CH**



chu saint-
étienne

Pr. Pascal GIRAUX
St Etienne Hosp - **FR**

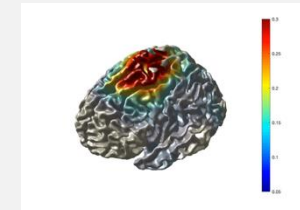
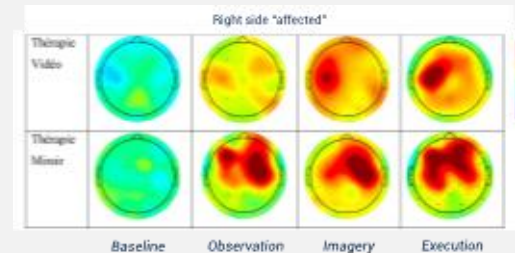
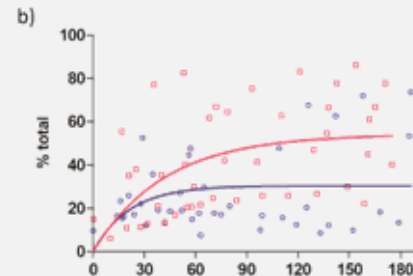


MEDIAN

Pr. Michael SAILER
Magdeburg & MEDIAN
Klinik Flechtingen - **DE**

Latest studies outcomes

- Benefit of visual feedback support
- Lateralized cortical activation
- Post movement motor validation
- Clinical improvements
- Replication for lower limb



From startup to industrial company

Always taking care of our ecological footprint

100% Made in France

- ISO 13 485 certified
- Production capacity X2 in 2024
- Working with local suppliers
- Reducing waste packaging



Dessintey contributes in rebuilding Ukraine's critical healthcare infrastructure

- Part of a **€200M initiative supporting Ukraine's reconstruction**
 - **45 Ukrainian hospitals equipped with our IVS3/4 and SRT solutions**
 - Objective: provide new technologies to treat war-wounded civilians and soldiers (phantom limb pain, trauma, etc.)
- ➔ Proud to contribute to this essential mission of resilience and reconstruction.



The Summer School

1st edition

4 weeks

4 sessions

+200 worldwide experts

Why this Summer School?

A knowledge hub in service of patients

We are connected to 30+ countries.

The Summer School is about sharing experiences, creating network of expertise and developing collective intelligence.

- **Bring together best practices:** scientific, clinical, organizational, and funding approaches
- **Grow together with our clients and partners:** a spirit of collaboration in service of patients
- **Meeting in person:** we move faster, understand better, build real relationships
- **4-week format:** presentations + workshops + hands-on interactions
→ not a lecture series



Our mindset for these 2 days

Simplicity • Humility • Authenticity • Ambition

We are ambitious, but humble, always close to the clinical reality, always in service of patients.

- A format that reflects who we are: **professional, human, and convivial**
- Workshops, discussions, shared evenings
→ **a collective spirit**
- **Your feedback matters:** this is our first edition, and we are building it with you
- Our exchanges (with your consent) may **feed into shared content and publications**





manukā has learnt to **synthetize ideas**

- for **10 years** as a **project manager**
- in a **plastic industry** and in a consulting company



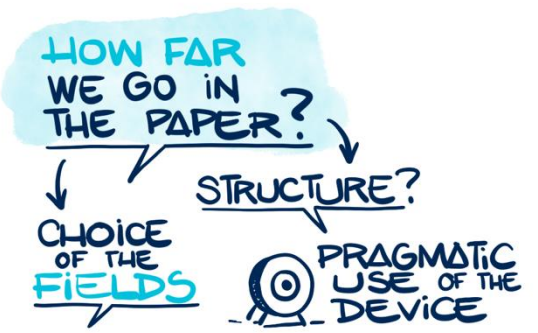
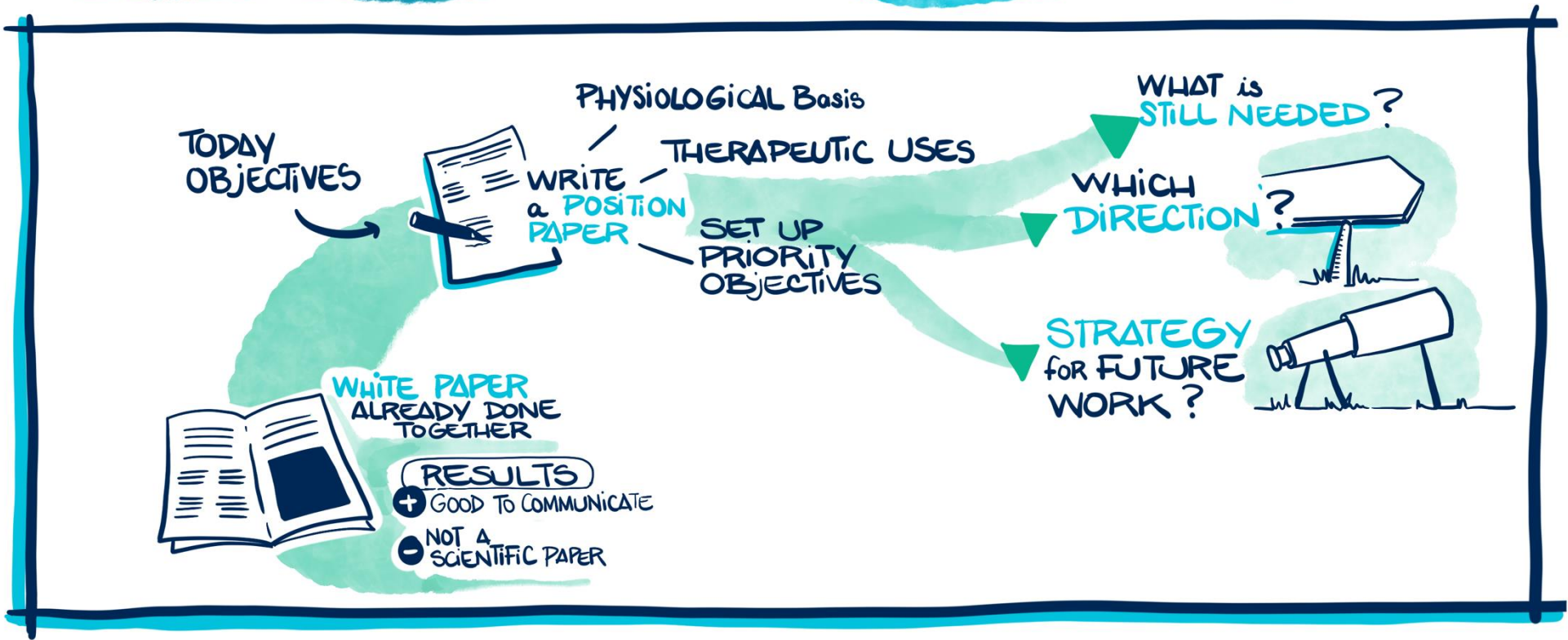
She is now a **graphic facilitator** for 7 years

- Recording ideas in **visual forms**
- During events, meetings and workshops
- Helping attendees **to move thinking further**

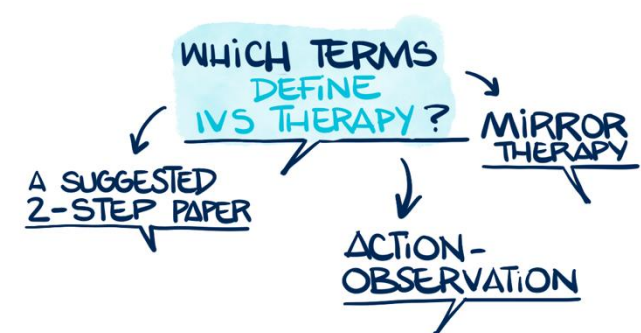


Scientific Board project

Position Paper



OK!
DELPHI METHOD?



WE SHOULD FOCUS on EVIDENCE

FIELDS OF THE POSITION PAPER

NEUROLOGIC REHABILITATION

PAIN AND PLASTICITY

CLINICAL USE

1ST PAPER TO GIVE MESSAGES

A 2ND PAPER COULD FOCUS ON HOW TO IMPLEMENT IVS IN THERAPY?

MOTOR NEGLECT
PER-SONNAL
PERI-PERSONAL
EGO-CENTRIC
ALLO-CENTRIC

 VISUAL FIELD

 MECHANISMS

SPATIAL NEGLECT

SEVERITY 

MOTOR EXTINCTION

BODY AWARENESS

SENSORY DEFICIT

TOUCHING

ATTENTIONNAL DEFICIT

INHIBITION

COGNITION

EXECUTIVE FUNCTION

WORKING MEMORY

LEVEL OF SPASTICITY

SPASTICITY

PROGRESS

BRAIN INJURY
STROKE

APRAXIA

THERAPIST GUIDANCE

OBJECTS TO USE 

FRAME OF PROTOCOL

HEMIPLEGIA

SEVERITY

THERAPIST GUIDANCE

STAGE

RANGE OF PATIENT

ACTION PLANNING

thanks!

QUESTIONNAIRE
FROM DELPHI
METHODOLOGY

FUTURE
PAPER

EFFECTIVE
TECHNIQUE
ACTIVATING

MIRROR
NEURON
SYSTEM

DIFFERENCE
BETWEEN UPPER
AND LOWER LIMB ?

FIELDS
TO EXPLORE

IVS ?

NEUROPHYSIOLOGICAL
PROPERTIES

ACTION-OBSERVATION

+

BODY EMBODIMENT

+

(MIRROR THERAPY)

+

(MOTOR IMAGERY)

GIVING
EXAMPLES ?

"LIKE IVS3..."

VISUOMOTOR
SIMULATION
TRAINING ?

IMMERSIVE

VIDEO
OBSERVATIONAL
THEORY ?



Your contact

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