ARITHMOS

“eHealth Innovation and Clinical Research”

Brussels, the 7th of November 2018

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Arithmos is an Information Technology & consulting provider focused on Life Sciences Industry

Arithmos provides innovative IT solutions to clients with a specific focus on the Life Sciences value chain. Our comprehensive approach leads us to deliver IT products, services and consultancy.

Paolo Morelli
Founder & CEO

Emilio Vandelli
Managing Director

Silvia Gabanti
Service Delivery Manager

Romina Zanier
Quality Assurance Senior Manager

Davide Erbisti
CIO

Certifications

bsi. ISO/IEC 27001 Information Security Management

bsi. ISO 9001 Quality Management

Partnerships

ORACLE Gold Partner

Our History

2010
Arithmos is founded in **Verona**, born from CRO's IT Department

2012
Arithmos acquires Symphony EDC Platform

2014
ArithmosCentrum PPM software is launched onto the market

2016
Launch of Argus Blueprint pharmacovigilance system

2017
Launch of SYNClevy, web-based Extended PPM platform

2017
Investment in Innovation Sprint, a consulting agency of innovation experts in ICT and Health

Arithmos is part of a group of companies reporting to PM Holding

Arithmos

IT company which provides IT products, services and consultancy in specific business areas: Life Science, R&D and Professional Services.

Est. 2010

CROS NT

CRO specialized in clinical data services data management, biostatistics, programming, medical writing and consultancy.

Est. 1992

seQure Life Sciences

Pharmaco / Device-vigilance, QA, CSV and Regulatory Affairs services for drug & device companies.

Est. 2017
(Previously PM Clinical from 2014)

Kubo Recruitment

Staff recruitment company focused on matching talent with client needs in the Life Sciences sector.

Est. 2012

INNOVATION SPRINT

Tech company that offers edge technological services and products to organizations that seek to pivot and add value to their offering in the digital era.

Other participations

Locations: the Group has offices in Italy, UK, Germany, Belgium, USA and India

Clinical Trials: processes, technology, rules and responsibility.

Given a Standard Clinical Trial Workflow…

… many stakeholders, internal and external,

… many needs and requirements,

… one goal!

Clinical Trials: processes, technology, rules and responsibility.

Given a Standard Clinical Trial Workflow…

Which is the goal?

- **Getting “positive” and reliable results!**

Digitalization and process automation are going to change the rules of the game

Given a Standard Clinical Trial Workflow…

What is client asking for?

- How to improve performances in Clinical trials with Technology?
- How to better involve patients?
- How to better address investments?

Technology is an enabler to continuous improvement. Processes understanding makes the difference.

Given a Standard Clinical Trial Workflow…

PROTOCOL DEVELOPMENT → SITE SELECTION → SITE INITIATION → PATIENT RECRUITMENT → STUDY CONDUCT → TREATMENT TIME → DATA CLEANING → ANALYSIS → REPORTING → STUDY CLOSEOUT

Many systems not interconnected…

No one is patient oriented…

Technology is an enabler to continuous improvement. Processes understanding makes the difference.

Given a Standard Clinical Trial Workflow… it is needed a 360° perspective in the trial management

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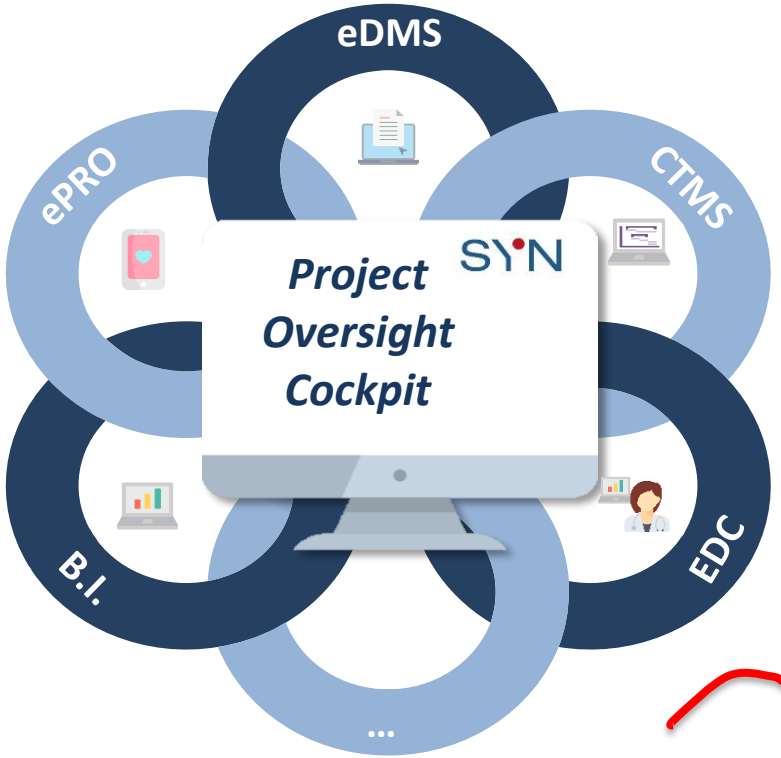
On June 2017 **ICH GCP E6 (R2)** entered into force, introducing new guidelines aiming at an increase in the responsibility of the Sponsor concerning the activities outsourced to the CROs.

> ***5.2.2. Addendum***
>
> *The sponsor should ensure oversight of any trial-related duties and functions carried out on its behalf, including trial-related duties and functions that are subcontracted to another party by the sponsor's contracted CRO(s).*



Technology is an enabler to continuous improvement. Processes understanding makes the difference.

Given a Standard Clinical Trial Workflow… it is a need to keep the patient at the center

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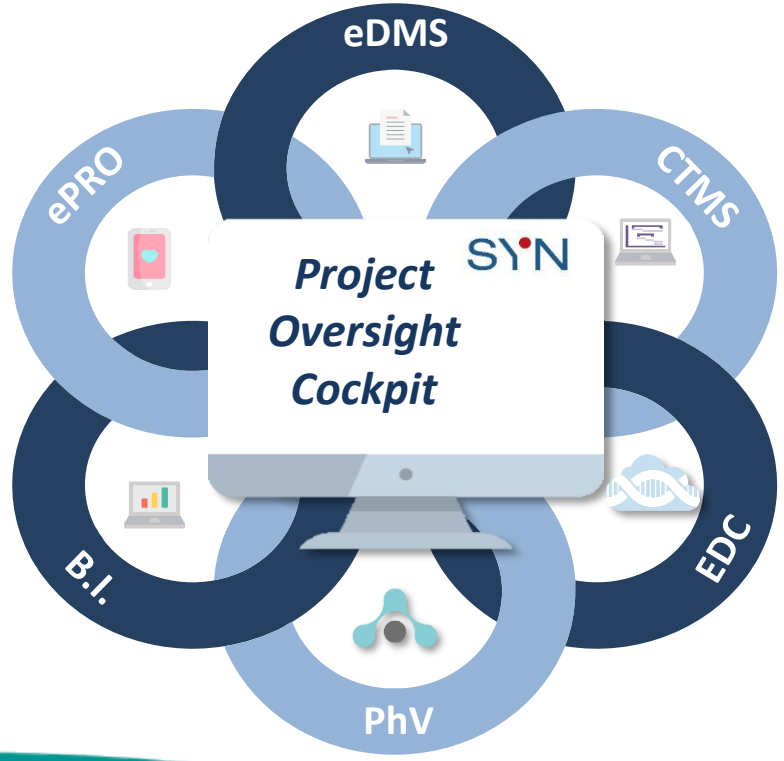
Company Centric Platform



Patient Centric Platform

mHealth and IoT platform, …

…, a unique opportunity to create a link between researcher and patient!

Technology is an enabler to continuous improvement. Processes understanding makes the difference.

Given a Standard Clinical Trial Workflow… it is a need to keep the patient at the center of trial

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eClinical platform

It is a data management cloud platform that captures patient and clinical outcomes from mobile, medical and IoT devices. Using a patient-centric app, it can be integrated with Project Oversight Platform.

Main Features

- Enhanced patient motivation and retention, giving rich insights;
- Richer datasets and Real World Data to enhance overall trial quality;
- eRecruitment for a more efficient enrolment of patients;
- Artificial Intelligence features to support patient/sponsor interaction (e.g. patient coaching);
- Empowers the Healthcare industry with an integrated solution to deliver patient-centric, more effective and predictive Healthcare

Patient Centric Platform

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…, a unique opportunity to create a link between researcher and patient!

Technology is an enabler to continuous improvement. Processes understanding makes the difference.

Given a Standard Clinical Trial Workflow… it is a wish to have data and KPIs to anticipate trial trends

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mHealth and IoT platform, …

Patient Centric Platform

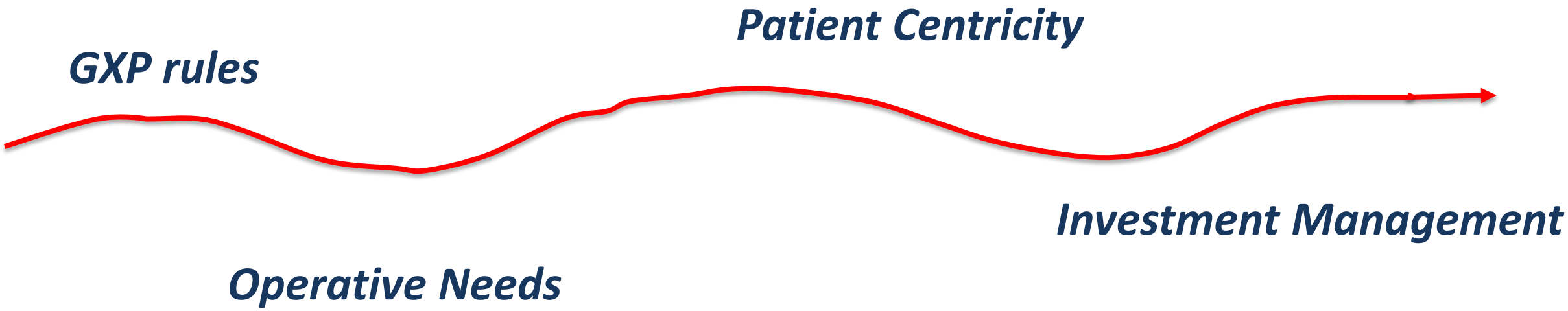
- **Real world evidence,**
- **Big data ,**
- **«On line connection»,**
- **Interactive relationship sponsor-patient,**
- **…**

…, a unique opportunity to create a link between researcher and patient!

Investment management!

Technology is an enabler to continuous improvement. Processes understanding makes the difference.

Given a Standard Clinical Trial Workflow… it is all a FIL ROUGE from operations to finance management thanks to a proper understanding and application of Digital Technology



Thank You!

Contact us:

Via Roveggia 122, 37135 - Verona - Italy

+39 045 585492

+39 045 8209471

info@arithmostech.com

www.arithmostech.com

Arithmos-srl

@Arithmos_LS

@SYNClevy_PPM