

Double-blind phase I-II clinical trials:

preliminary risk analysis applied to the pharmaceutical circuit of injectable anticancer drugs in a preparation unit

AP-HP. (8) Sorbonne Université Hôpital Saint-Antoine AP-HP

Background

COM24-99188

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Secure computer selection

Harmonization of computerized

protocol wordings

(CT name - INN/dose - Arm -

Unique CT number)

DESTINY- CRC02 trastuzumab deruxtecan Bras 1 PHAR 904

Approval for phase I-II clinical trials (CT) in our unit Increase in CT activity Good Preparation Practices (2022)

Process Hazard Analysis (PHA): pharmaceutical circuit for injectable anticancer drugs used in phase I-II-III CTs in onco-hematology



Double-blind phase I-II CT

(excluding placebo-controlled CTs, which follow a different process):

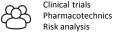
complex, as a high risk of exclusion is unblinding



Share the corrective measures drawn from our PHA, specific to these phase I-II CTs

Methods

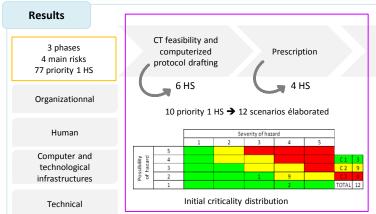
Working group: 3 pharmacists





18 meetings (April 2023-May 2024) including 3 on double-blind. placebo-free phase I-II CTs

- Identification of hazard situations
- Evaluation of initial (iC) and residual (rC) criticality
- Implementation of corrective measures



Preparation and control

No hazard situation specific to double-blind, placebo-free phase I-II CTs identified for this phase

Patient

DCI

Protocole

Dose prescrite (

Spécialité

R07247669 (PD1-LAG3) IWRS

Poids: 65 kg - Taille: 175 cm - S.C.: 1.79 m2 - Créat.: 0 umol/L

Organization Training English-French Randomization sheet lexicon terms related provided by CT team to CTs; training sheet on the principle of doubleblind CTs Patient label PHARMACIE HOPITAL SAINT ANTO INE - PARIS I-IPP: Serv. : ESSAI CLINIQUES en fermé/ ONCO - Adm. le 05/0 TaLiOs-EN AVEUGLE nom de DCI invisible Tub NaCI 0.9 % (Vol.: 100 mL), IV sur 1 H

Software

configuration

Fictitious unit

inaccessible to

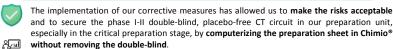
prescribers;

standard wording

INNs on the

10 corrective measures grouped into 4 themes

Discussion/Conclusion



allowing doses and preparation sheet but not on the labels TaLiOs essai protocole en aveugle Nom de DC Conservation à 4° C Péremp. le 06/01/2022 à 12:46 Liste I - RESPECTER LES DOSES PRESCRITES Preparation sheet

Tallos-EN AVEUGLE nom de DCI invisible Tub filtre 0.2/ RO7247669 (PD1 LAG3)

Prêt à l'emploi

Solvant

Tal.iOs essai protocole en aveugle Nom de DCI invisibl Sas : Hotte flux airla Cycle

6.00

Dosage Numéro lot Vol. (mL

Administration le 05/01/2022 à 12:37

Vol à prélever (mL) Dose utilisée

Totalité (6 mL)

After implementing our corrective measures, no scenario had a rC \geq 2. 4 4 C2 0 3 2 TOTAL 9

Residual criticality distribution

Corrective measures established for training are essential and need to be regularly updated...

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