Taimei
太美医疗科技

Improving Data Utilization: How Taimei CTMS integrate with Rave EDC?

About Inventis Bio

InventisBio (Shanghai) Co. Ltd. Is an innovative drug development company with a global vision based in China, focusing on oncology, metabolic diseases and other major disease areas. The company aims to address unmet clinical needs and is committed to developing innovative drugs with independent intellectual property rights in China that serves the world. It consistently provides patients with safer, more effective and affordable treatment solutions. Inventis Bio has clinical studies in China, the United States, Australia, Taiwan, Korea, Japan and other countries.

Emphasis on R&D investment has enabled Inventis Bio to gain a fast growth in product pipeline and clinical study. 50+ operation teams are still in a rapid expansion phase. Driven by the complex environment, the integration of data and the improvement of personnel effectiveness become essential which leads to the integration of Taimei CTMS system with Rave EDC data.

Challenges

How to transform the digital operation of clinical studies and data integration, and improve management efficiency?

Currently, pharmaceutical companies are accelerating the use of digital means to reconstruct their core competitive advantages. Inventis Bio, as a domestic innovative drug development enterprise with a global vision, attaches great importance to the study and development of innovative drugs and believes that information technology can bring momentum and changes to innovative drugs development. This time, it chooses to become a partner with Taimei Medical Technology, hoping to complete the transformation of digital operation of clinical studies and data integration, improve management efficiency, and carry out innovation and tests of enterprise information management using Taimei informatization platform.

Customer Expectations

Build a data-driven system, integrate CTMS in EDC

- Reduce data transition paths and connect Rave EDC data streams with CTMS to ensure data consistency and facilitate entry efficiency
- Subject data input into the operation management tool, automatically presenting study enrollment trends, screening conversion rates, and strengthening the follow-up control mechanism at the enrollment stage

CTMS → Data Matching → **RAVE EDC**

Get Rave Internal access & access to API
IT provides FTP server access authorization:
- a. RWS address:
- b. RWS account:
- c. RWS password:
- d. OID of the project (StudyOID):
    Site OID:
- e. OIDs of all forms involved in the field mapping
    (Form OIDs are separated by commas)

Inventis Bio

- Innovative drug development companies
- Clinical study in multiple countries
- Rapid growth of product pipeline
- Focus fields: oncology, metabolic diseases

"The deep interconnection between EDC and CTMS is a microcosm of data platform management. In the future, along with the increasing digitization in the field of clinical study, strong data integration capability is essential. During the cooperation, we were impressed by the professionalism and service level of the Taimei Medical Technology team, and look forward to more cooperation in the future."

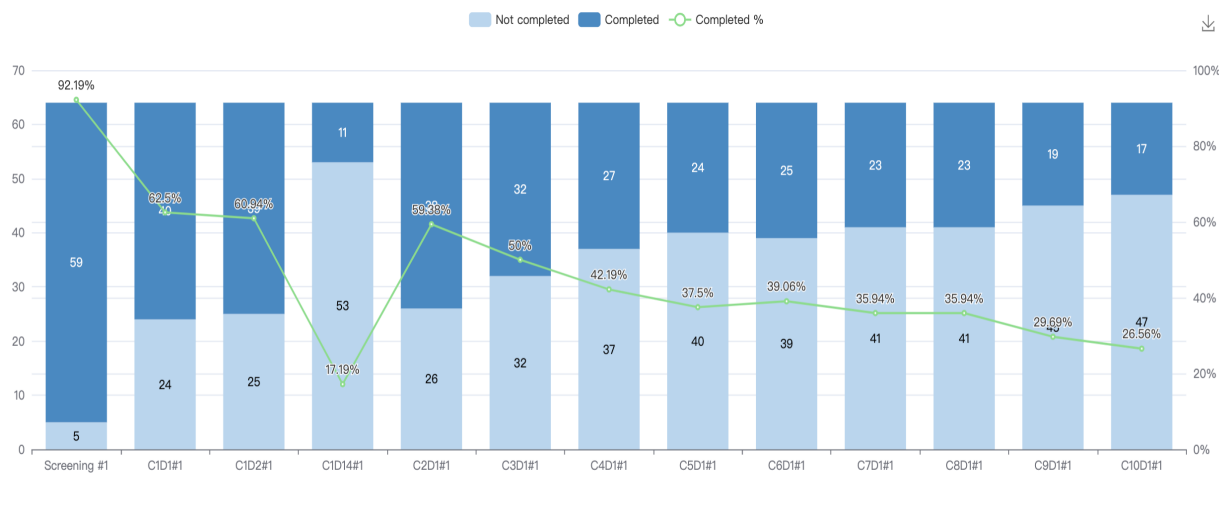*–Inventis Bio Clinical Study Management Team*

Solutions

Establish Rave EDC-Taimei CTMS data mapping path

Establishing a follow-up mechanism for enrollment progress

- Rave EDC data automatic input, presenting number of subjects screened, and actual number of subjects enrolled

- CTMS develops the enrollment plan and the enrollment baseline

- Enrollment health trend shows as an important indicator for screening failure rate and ensuring enrollment follow-up

Find out the percentage of subject completions at different visit stages using the CTMS graphical analysis tool

- Map CTMS visit items to Rave EDC visit configurations

- Rave EDC data input to CTMS visit module

- Clearly show the percentage of completion of each visit with CTMS graphical reports

- Aid managers in understanding the overall study progress

Complete data integration and digital transformation to improve management efficiency
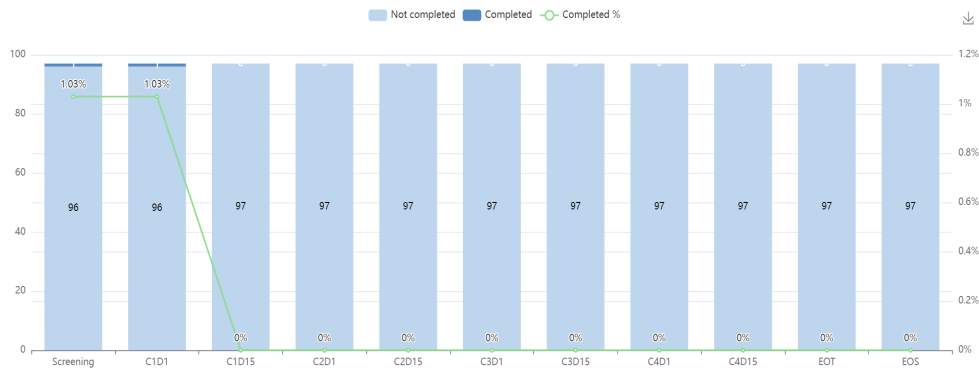
1. **Study Enrollment Dashboard Establishment**

- Reduce data transition path, input Rave EDC data to CTMS to ensure data consistency and free up **90% human cost**.

- Subject data input to the operation management tool, automatically presenting the study enrollment trend and screening conversion rate. Reinforce the follow-up control mechanism at the enrollment stage.

2. Site Enrollment Dashboard Establishment

Site ID	Site	Country/Region	CRA	Planned Enrollment	Completed Planned Enr..	Screening	Ongoing	Discontinued	Completed	Enrollment Rate	Screening Failed Rate	Discontinued Rate
1001	Chicago, Illinois, United States	United States of America	Eagle	50	50	34	20	0	1	40%	9%	0%
1002	Great Lakes Clinical Trials	China	Eagle	50	50	16	9	0	0	18%	38%	0%
2001	Universitat Internacional de Catalunya	Spain	朱庆亚	50		29	23	0	0	7%		0%
3001	Leiden University Medical Center	Netherlands	Eagle	60		20	14	0	0	5%		0%

3. Visit Progress Dashboard Establishment

4. Site Subject Follow-up Visit Form Creation

Visit Tracking

Screen number	Site ID	Site Name	Screening #1 Actual Date	C1D1#1 Actual Date	C1D2#1 Actual Date	C1D14#1 Actual Date	C2D1#1 Actual Date	C3D1#1 Actual Date	C4D1#1 Actual Date	C5D1#1 Actual Date	C6D1#1 Actual Date	C7D1#1 Actual Date	C8D1#1 Actual Date	C9D1 Actu..
01011	D1553_01	EDC对接_Shanghai Chest Hospital	2021-10-19											
01012	D1553_01	EDC对接_Shanghai Chest Hospital	2021-11-18	2021-11-30	2021-12-01		2021-12-20							
01013	D1553_01	EDC对接_Shanghai Chest Hospital	2021-12-10	2021-12-21	2021-12-22		2022-01-10	2022-01-26	2022-02-21		2022-04-01	2022-04-27	2022-05-16	
01014	D1553_01	EDC对接_Shanghai Chest Hospital	2021-12-16	2021-12-28	2021-12-29		2022-01-17	2022-02-28	2022-04-22					
01015	D1553_01	EDC对接_Shanghai Chest Hospital	2022-01-10											
01016	D1553_01	EDC对接_Shanghai Chest Hospital	2022-01-13	2022-01-25	2022-01-26		2022-02-14							
01017	D1553_01	EDC对接_Shanghai Chest Hospital	2022-01-13	2022-01-25	2022-01-26		2022-02-14	2022-03-07	2022-03-28	2022-04-19	2022-05-10			
01018	D1553_01	EDC对接_Shanghai Chest Hospital	2022-01-20	2022-02-17	2022-02-18		2022-03-09							
02001	02	测试中心												
02002	D1553_02	EDC 对接_Zhejiang Cancer Hospital	2021-07-29											