

digitalizing preanalytics

powered by


greiner
BIO-ONE



YOUR DIGITAL ASSISTANT IN PREANALYTICS

**More time and
safety for your patients**

Tracie ensures traceability of
samples and helps meet quality
requirements of DIN EN ISO 15189.

Tracie

Tracie Collect and Greiner
Bio-One's prebarcoded
tubes go seamlessly together
and offer you a reliable,
efficient and time-saving
result in preanalytics.

THE DIGITAL FUTURE OF PREANALYTICS IS HERE: MEET TRACIE COLLECT

Tracie Collect supports the process of taking biological samples, enabling a tracked, controlled, and secure pre-analytical phase. This simplifies everyday life of healthcare professionals and improves the quality of medical care.

1 VIA SCAN TRACIE IDENTIFIES THE PATIENT.



2 ORDER DATA IS TRANSFERRED FROM LIS TO TRACIE; TUBES FOR ORDER SAMPLES CAN BE PICKED UP.



3 A FINAL SCAN OF THE TUBES ENSURES AN AUTOMATED UNIQUE ASSOCIATION OF TEST TUBES AND THE PATIENT.



HOW TRACIE SUPPORTS



DIGITAL ASSISTANT FOR NURSING STAFF SUPPORTS OPTIMIZED WORKFLOWS

Tracie's configurable sample handling guide and individual worklists allow adaptation to existing workflows. Order of draw instructions and error notifications give guidance and ensure patient safety.



UNIQUE AND INIMITABLE IDENTIFICATION FOR INCREASED PATIENT SAFETY

Patient and sample identification ensure clear assignment of sample to patient and order to avoid mix ups and therefore increase patient safety.



SAMPLING TRACEABILITY FOR QUALITY IMPROVEMENT

Capturing time of sample draw and name of sample collector ensures fulfillment of the quality requirements according to DIN EN ISO 15189



IMPROVED SAMPLE QUALITY

Fewer rejected samples at the laboratory thanks to digital guidance of the phlebotomist and capturing valuable information such as time stamp of sample collection, patient status details, and more.

ANALOG VS. DIGITIZED PROCESS



ANALOG PROCESS

Based on physicians' assessment of patient, orders are created and transferred to LIS

1.

Print of order sheets and labels of tubes

2.

Manual placement of labels onto tubes

3.

Identification of patient

4.

Sample collection

5.

Verifying name and birthdate of patient with information on tube

6.

Adding hand-written clinical notes to order sheet

7.

Transfer of information gathered on paper into LIS

8.

Transfer of samples to laboratory

9.

Reception and preparation of samples at laboratory

10.

Sample examination

11.

Results are sent to physician

12.

← CHANGES →

No need to print order sheet and labels

Tracie Collect digitizes the order sheet, pre-barcoded tubes eliminate the need for manual labeling



No need for manual labeling with pre-barcoded tubes



Secure, electronic identification via barcode scan



Sample collection



Scan of pre-barcoded tube

"Privacy by design": Pre-barcoded tube is digitally and unequivocally linked to the patient, with all patient and sample information electronically available



Information can be entered digitally in Tracie Collect



Data is automatically transferred from Tracie Collect to LIS



DIGITAL PROCESS

1.

Based on physicians' assessment of patient, orders are created and transferred to LIS

2.

Identification of patient with Tracie Collect. Secure, electronic identification via barcode-scan

3.

Sample collection

4.

Transfer of samples to laboratory

5.

Reception and preparation of samples at laboratory






6.

Sample examination

7.

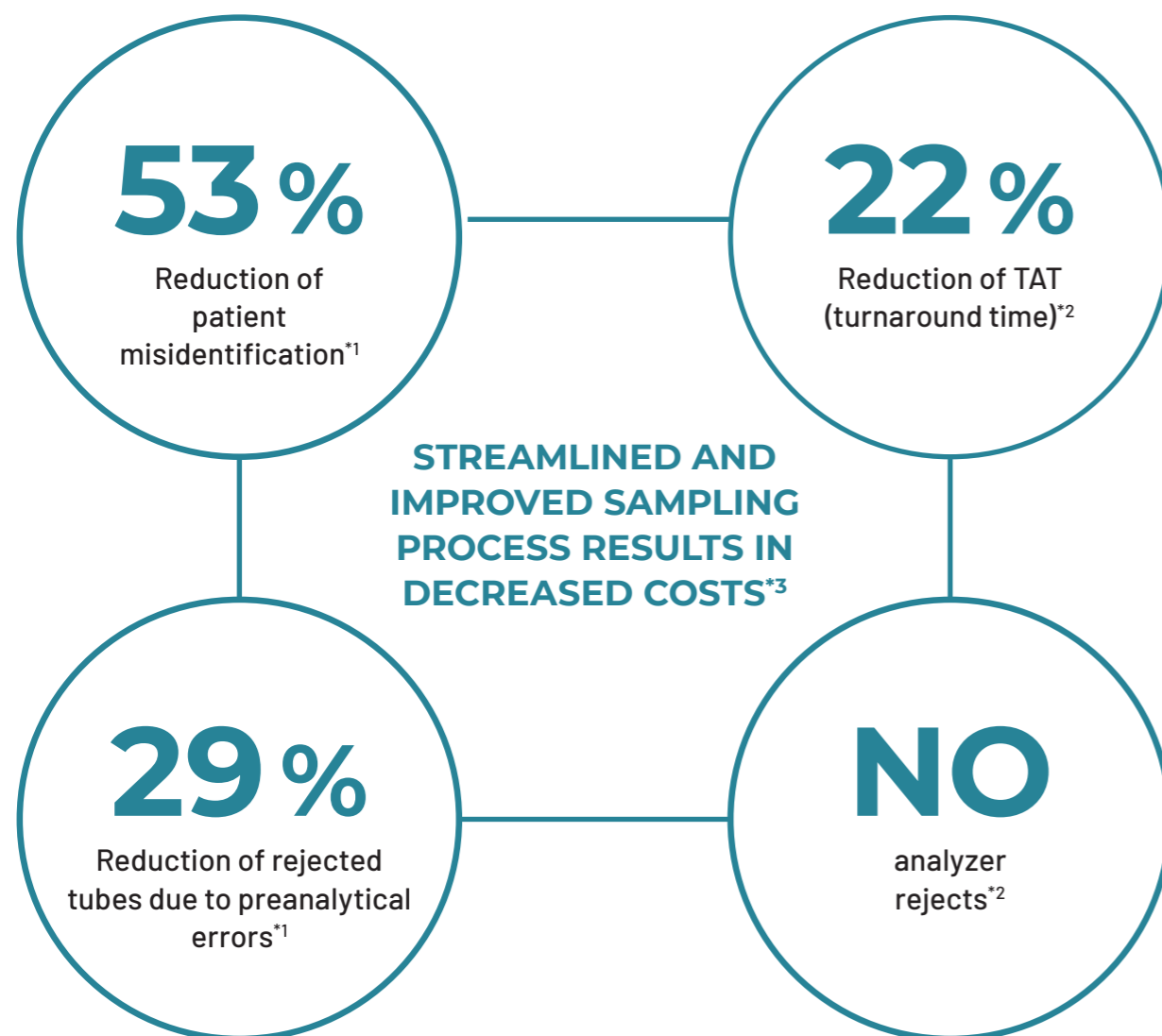
Results are sent to physician

LEGEND OF STEPS

-  Step in the analogue process
-  Analogue process step where Tracie Collect comes in and digitize
-  Process step where something changes with Tracie Collect
-  Process step that is no longer required with Tracie Collect
-  Step in the digital process with Tracie Collect

QUANTIFIABLE RESULTS

DIGITIZED PROCESSES IN PREANALYTICS HAVE/SHOW A PROVEN TRACK RECORD OF DELIVERING STREAMLINED EFFICIENCY AND COST EFFICIENCY



Sources:

^{*1}Halwachs-Baumann et al.; Implementation of pre-labelled barcode tubes and the GeT-System in a general hospital for the exact documentation of the time of venous blood sample and improvement of sampe quality; Clin Chem Lab Med 2020; <https://doi.org/10.1515/cclm-2020-1017>

^{*2}Internal observational study; Laboratoire Biomedilam

^{*3}Green SF; The cost of poor blood specimen quality and errors in preanalytical processes; Clin Biochem 2013;46:1175-9; The cost of poor blood specimen quality and errors in preanalytical processes - ScienceDirect



We believe in a world where healthcare professionals have more time to provide outstanding healthcare by setting new standards in the diagnostic sample collection process.

digitalizing preanalytics

www.tracie-health.com

**TRACIE HEALTHCARE
SOLUTIONS GMBH**
MÜNCHEN, GERMANY

E-MAIL service@tracie-health.com

The software provided by Tracie Healthcare Solutions GmbH may only be used in accordance with the currently valid license terms and the respective user manual.

All information is provided without guarantee despite careful processing. Tracie Healthcare Solutions GmbH excludes any liability, warranty, or guarantee. Any liability, warranty or guarantee of Tracie Healthcare Solutions GmbH is excluded. All rights, errors and changes are reserved. If not stated otherwise, Greiner Bio-One GmbH has all copyrights and/or other (user-)rights in this documents, in particular to signs such as the mentioned (word-picture-) brands and logos. Any use, duplication or any other use of the rights of Tracie Healthcare Solutions GmbH is expressly prohibited.
Media owner: Tracie Healthcare Solutions GmbH

Release date: 26.01.2024

Tracie