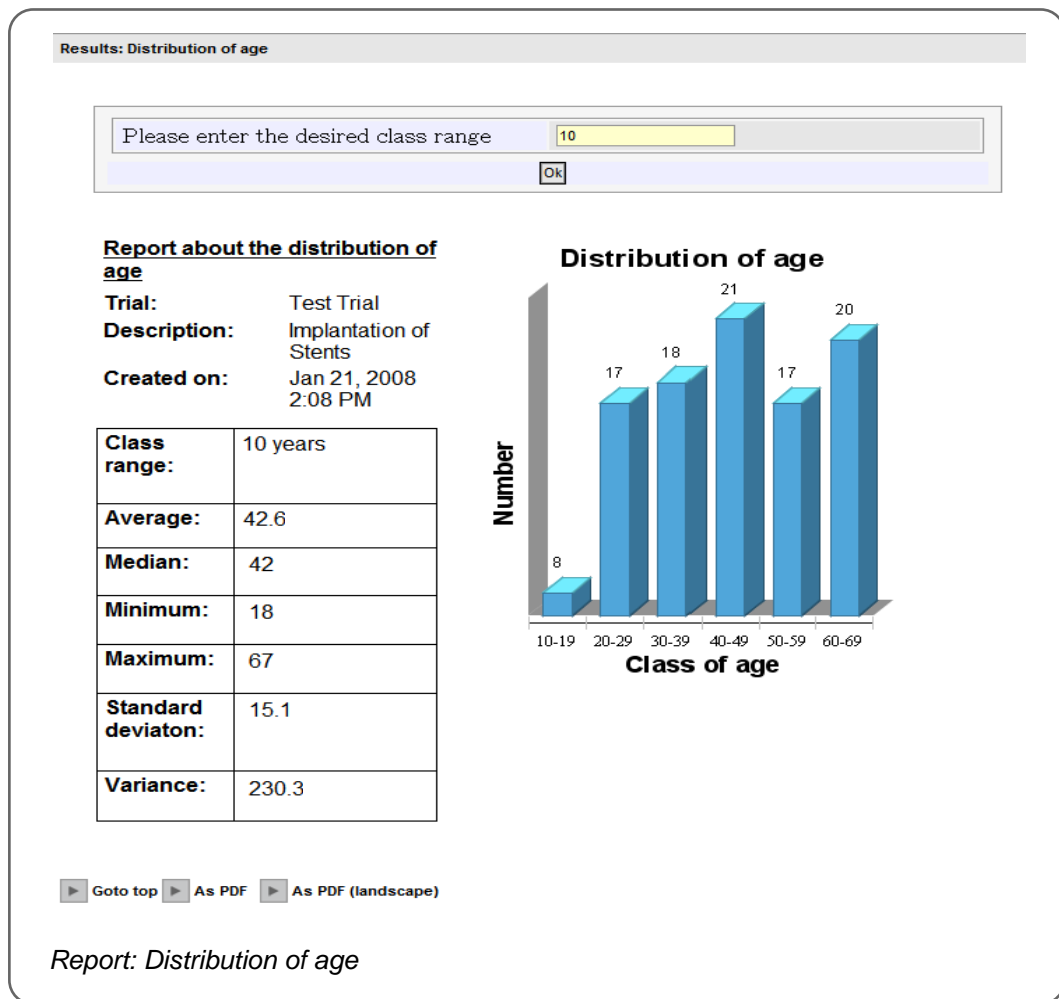


## REPORTING IN MARVIN – OVERVIEW

While MARVIN takes care of collecting clinical trial data, BIRT is the key for visualizing and summarizing the results for reporting purposes.

BIRT (Business Intelligence and Reporting Tool) is an open source, Eclipse-based reporting system that seamlessly integrates with MARVIN to produce compelling reports for both the web and PDFs.

BIRT provides enhanced reporting features for report layouts, data access and scripting. With the drill-down functionality of BIRT reports in MARVIN, you can zoom right into a detailed analysis.



## BIRT IN MARVIN – GENERAL CHARACTERISTICS

A wide variety of reports can be added to the MARVIN system. Examples include:

- **Tables**  
The simplest reports are lists of data. As the lists get longer, groups can be added to organize related data together (e.g. gender grouped according to male/female). For numeric data, totals, averages and other summaries can be added with ease.
- **Crosstabs**  
Crosstabs (also called cross-tabulation or matrix) show data in two dimensions, e.g. “visits per patient”.
- **Charts**  
Numeric data is much easier to understand when it is presented in a chart. BIRT provides pie, line and bar charts and much more.
- **Letters and documents**  
Notices, form letters and other textual documents are easy to create with BIRT. Documents can include text, formatting, lists, charts and more.
- **Compound reports**  
Many reports need to combine the above report types in one single document. For example, a sponsor may list different information for all sites or on a site-by-site basis and provide lists and overviews about current recruiting statuses, etc. A report may include all of the available elements with extensive formatting to match corporate color schemes.

Cluster overview  
Visit overview

**Report about the difference between visit date and data entry date**

Trial: Test Trial  
Description: Implantation of Stents  
Created on: 22.08.2007 19:05

| Zentrum         | Visit          | Visit date | Entry date | Difference (days) |
|-----------------|----------------|------------|------------|-------------------|
| 9               | Baseline Visit | 11.08.2007 | 22.08.2007 | 11                |
| 10              | Baseline Visit | 31.07.2007 | 22.08.2007 | 22                |
| 11              | Baseline Visit | 11.07.2007 | 22.08.2007 | 42                |
| 12              | Baseline Visit | 30.06.2007 | 22.08.2007 | 53                |
| 13              | Baseline Visit | 30.06.2007 | 22.08.2007 | 53                |
| 14              | Baseline Visit | 14.08.2007 | 22.08.2007 | 8                 |
| 15              | Baseline Visit | 20.08.2007 | 22.08.2007 | 2                 |
| <b>Average:</b> |                |            |            | 27                |
| <b>Zentrum2</b> |                |            |            |                   |
| 16              | Baseline Visit | 16.08.2007 | 22.08.2007 | 6                 |
| 17              | Baseline Visit | 31.07.2007 | 22.08.2007 | 22                |
| <b>Average:</b> |                |            |            | 14                |
| <b>Zentrum3</b> |                |            |            |                   |
| 18              | Baseline Visit | 19.08.2007 | 22.08.2007 | 3                 |
| <b>Average:</b> |                |            |            | 3                 |
| <b>Zentrum4</b> |                |            |            |                   |
| 19              | Baseline Visit | 26.07.2007 | 22.08.2007 | 28                |
| <b>Average:</b> |                |            |            | 28                |
| <b>Average:</b> |                |            |            | 22                |

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**Report about Inclusion/Exclusion criteria**

Trial: Test Trial  
Description: Implantation of Stents  
Created on: 06.09.2007 08:26

Screened patients: 4  
Included patients: 2

RSD = Study inclusion failure  
GREEN = Study inclusion

| Exclusion criteria: Anderer Stent als STENT | Exclusion criteria: Bifurcations | Exclusion criteria: Bypass-GefäÙe | Exclusion criteria: Expected survival | Inclusion criteria: Denovo Stenose | Inclusion criteria: Einverstandnis | Inclusion criteria: NativegefäÙ |
|---|----------------------------------|-----------------------------------|---------------------------------------|------------------------------------|-------------------------------------|---------------------------------|
| 4 No  | No                               | No                                | No                                    | Yes                                | Yes                                 | No                              |
| 6 No  | No                               | No                                | No                                    | Yes                                | Yes                                 | Yes                             |
| 7 No  | No                               | No                                | No                                    | Yes                                | Yes                                 | Yes                             |
| 8 No  | No                               | No                                | No                                    | No                                 | Yes                                 | Yes                             |

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*Report: Detailed overview of visit and entry dates*

*Report: Inclusion- / Exclusion Criteria*