



BioStat
About us

Professional medical statistics. Systems and applications for scientific research data collection.



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Facts

In cooperation with 30 scientific centres and 40 pharmaceutical companies, we have conducted over 1000 research, helping thereby to prepare nearly 500 scientific publications.

14 years

of experience

68

employees

30

Experts

40

pharmaceutical
companies

1000

research

About BioStat®

What do we deal with?

We are polish company with polish capital, which has been supporting medical environment and pharmaceutical industry for 14 years by providing comprehensive solutions in the field of statistics, scientific research and medical applications.

Our technological solutions.



**Clinical trials and
observational
studies**



**Multichannel
in pharmacy**



Market Research



**Medical interfaces,
webpages, applications**



Statistical analyses

Medical platforms, webpages, applications.

Our technological solutions.



**eCRF – data management
in clinical trials**



**Application for surveying
clients**



Consumer interface



**Research software: CATI,
CAWI, CAPI**



Medical docummentation



**Integrative platforms:
eTMF, eCRF, CTMS**



Diagnostic platform



Market Research

The medical and pharmaceutical market is one of the leading places among the most dynamically developing sectors of the economy. According to experts, by 2021 annual revenues in this field will increase by as much as 5-8%.

Behind the scenes there is a huge fight for competitiveness and recognition among potential customers. It is necessary to understand different groups of customers in this sector and create innovative solutions for them. Market research is helpful in this area, i. e. checking and confirming or disproving assumed hypotheses.

Medical market research

In checking, there is the potential for creativity of solutions that nobody has thought of before.

Medical market research

Why do we do market research?

- To get high quality data
- To verify the current strategies
- To increase the credibility / quality of the brand, company, campaign etc.
- To plan dedicated activities
- To always have plan B when plan A fails
- To be justified for the decisions made

The results of market research carried out in accordance with the arts constitute a substantive, credible basis for further strategic and marketing activities.

To conduct the studies we use our digital tools.

Medical market research

Our Offer

- Consumer insights
- Research of concepts, packaging, advertising
- Research on reactions to advertising campaigns
- Measurements of the presence of products in the media
- Research for advertising campaigns
- Researching the brand image
- Spontaneous and assisted knowledge of products
- Comprehensive market research
- Competitor analysis
- Study of price levels and expectations
- Placing products on the market



Health Care
Doctor
Hospital
Pharmacist

First Aid
Surgeon
Emergency



eCRFbiz™
electronic Case Report Form

MRI VIEW MODE

Diagnostic procedures

MEDICAL



We have created (in accordance with Title 21 CFR Part 11 requirements) a complete and integrated system which completely eliminates paper form of questionnaires for clinical study, and replaces them with ones that can be filled in online. This solution allows us to manage the whole research project comprehensively, including clinical trials, observational studies, statistical-epidemiological research, registers. eCRF allows for obtaining results much faster, and consequently for an immediate data analysis at any stage of a research.

There is a great number of specialists and scientific centres that use our system and their comments or suggestions are extremely valuable in the process of constant development and enhancement the system issues. Currently, we have run a new 2.0 version.

eCRF.biz™

Electronic Case Report Form

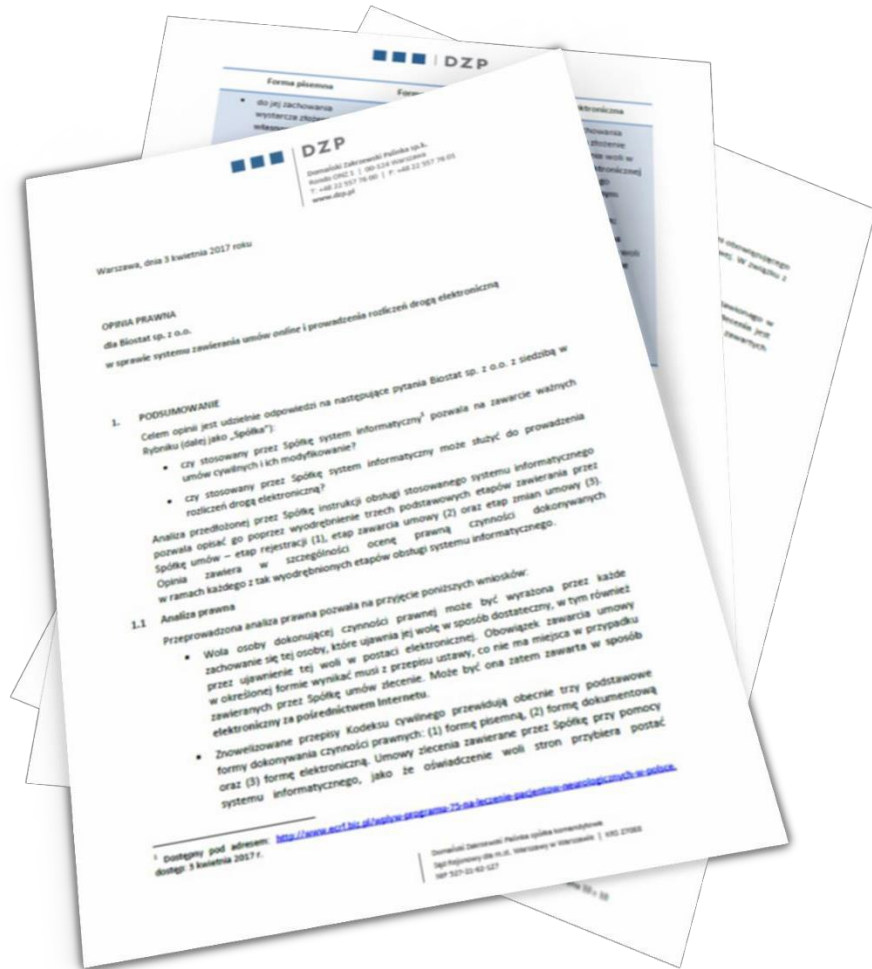
Due to the fact that BioStat® is the creator of eCRF.biz™ system every research deployment or change become much quicker than in case of licensed systems or applications.



The access to the application is possible from any place by using an internet web browser, without having the software installed. eCRF.biz™ eliminates traditional, paper documentation (case report forms, reports, statements, etc.) produced and gathered during projects realisation. The system allows for remote data gathering, data management, it also includes analytical module which allows for monitoring the progress and generating basic project statistics.

eCRF.biz™ System features

eCRF.biz™ includes an automatic record control module, which allows for the verification of the correctness right at the stage of data entering. The system implementation of modern analytical solutions, eliminates the risk of data loss in an effective way.



eCRF.biz™

Online contract signing

The biostatistics and eCRF.biz™ data analysis centre has implemented an electronic system for online contract signing with researchers.

Thanks to the optimisation, the process of signing contracts becomes quicker and it eliminates the need of producing printed out documents which have to be sent in a traditional way.

It definitely speeds up the process of contracting as well as setting accounts for researchers or signing amendments in case of prolonging the research duration or making new research.


The system has a positive opinion from DZP law office.

Professional medical statistics

We provide statistical services for scientific and commercial research programmes by full support in the field of biostatistics, statistical analyses, data mining and data management. We design the research process and carry it out in a way, so it provides us with maximal number of important data. After the data is collected, we analyse their structure, conduct statistical tests, trace their relationship and correlations, then we work on statistical models and provide the receiver with results using advanced statistical packages like SPSS, or Python programming language. We prepare **professional analyses in accordance with the requirements of Master Jurnal List.**

We run statistical consulting services and trainings in medical statistics. We design research, **statistical analysis plans (SAP)**, we help create research protocols as well as we provide our customers with **final reports** (including graphic presentation of the results) which are the basis for **scientific publications.**





Our experts will prepare every methodological aspect of research programmes planned, including:

- Sample size selection
- Randomisation
- Setting up hypotheses, research aims
- Variables choice and measuring scale
- Methods and statistical tests selection for measuring scales
- Determining statistical errors for the sample planned
- Preparation of statistical analysis plan



Medical statistics Research design

Our service: www.statystyka-medyczna.com.pl/

We have one of the best statistical teams in Poland with a wide experience in cooperation with scientists, academic centres and pharmaceutical clients.

We provide our clients with the following analytical services:

- Hypotheses verification, tests selection
- Parametric and nonparametric analyses/tests
- Correlation, regression analyses
- Factor analysis
- Kaplan-Meier survival analysis
- Descriptive statistics
- Attractive visualisations (figures, graphs, infographics)

Medical statistics

Statistical analyses

<http://www.statystyka-medyczna.com.pl/>

- Creating e-database
- Designing eCRF application
- Data encoding
- Formal and statistical verification
- Outliers identification
- Ongoing monitoring of data collection

Medical statistics

Data management



 **SurvGo**TM
The best survey system

SurvGo™

Application for surveying clients

A platform which helps create, implement and manage the data concerning customers' opinions and satisfaction. The software allows for quick and intuitive surveying in an electronic way – it ensures processing from the stage of questionnaire designing, through data gathering to final analysis of the research material collected.

Design

Questionnaire design module allows for quick and easy way of making simple or advanced questionnaires including audio-video content.

Collect

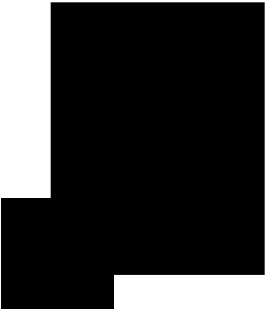
The research progress is traced by dedicated statistics, while the research sample is processed by the sample analysis module. Current answer distribution can be monitored on an ongoing basis.

Analyze

Preview of the distribution of answers to the questions is available during the research process and after it is finished – the results are presented in forms of graphs or charts.



SurvGo™ Central system



High level of security – access to the system will be granted only by providing login and password. We can create many users and give the various roles/powers. The access to the system is available from any internet web browser.

Real-time processing – every questionnaire filled in will automatically show up in the system, once the device gets connected to the Internet.

Dynamic reports – reports will be generated dynamically, we can set the indicators we want to monitor, so the system will calculate them for us and present the results in graphs and charts. There is an option to set up filters such as date or localisation.

Report exporting – a report can be exported to one of popular file formats: xls, pdf, doc.

Survey modification - from the central system, one can edit particular surveys and determine which survey will be displayed in a given localisation. There is a possibility to create many survey versions.

Comparing localisation results – we can compare the results from particular surveys of a given period, on the basis of the localisation the device is in.

Substantial results elaboration - there is an option to prepare a substantial report by our experts.

A person in a red tank top and dark pants is rappelling down a rock face. The scene is framed by a white border. The background shows a coastal town and the sea under a blue sky.

 **BIOSTAT**®
MORE THAN STATISTICS

Our realisations

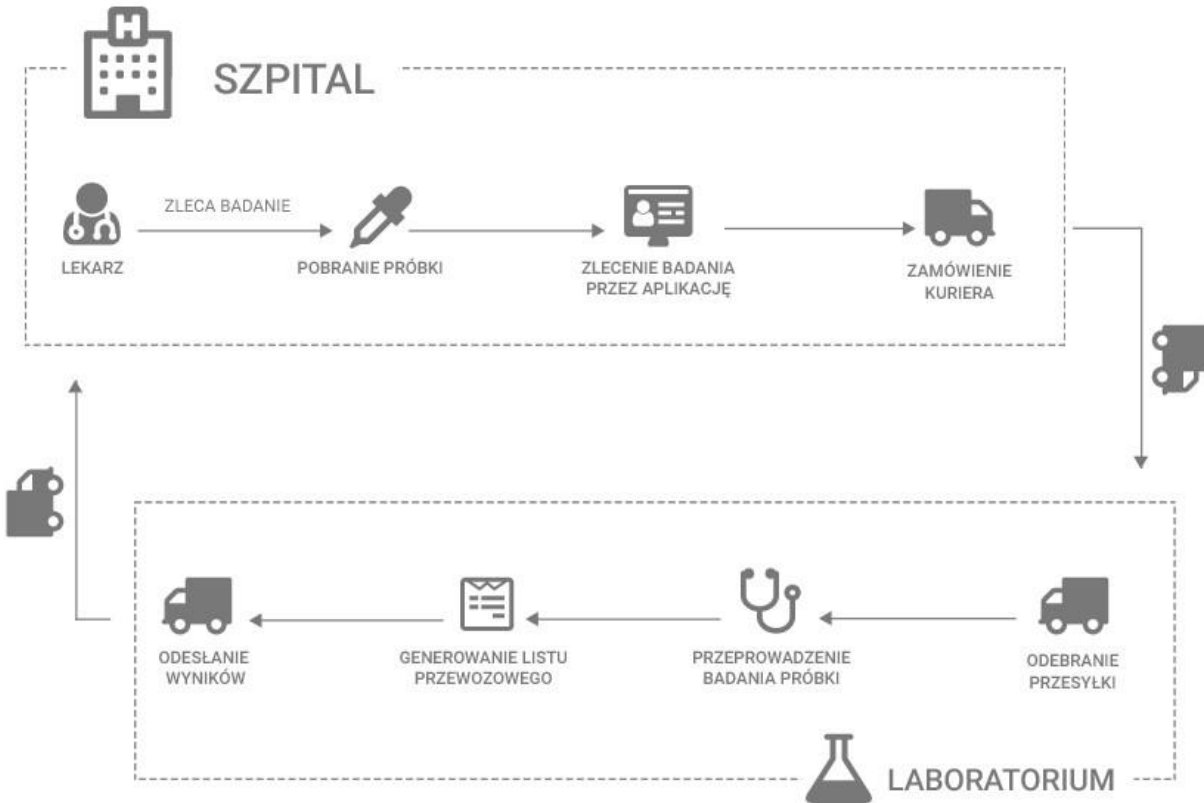
Mobile Application

AAMS Mobile

The application is used for reading medical publications from a medical magazine Annales Academiae Medicae Silesiensis, published by The University of Silesia in Katowice. The application gives the user an opportunity to read available materials in PDF version, create a library of favourite publications, adding already read publications to tabs, or sharing on popular Social Media. The software also includes functionality which allows for downloading a publication on the user's device in one of the following formats: pdf, epub lub mobi.



LABSITES



Our realisations

Authorial medical systems

Interdisciplinary communication platform facilitates the diagnostic process as well as treatment and consultations with patients.

Thanks to the system we have full logistic control over:

- Research material and biological results what influences the enhancement of research quality
- Maximisation of automation process
- Effective communication between doctors of various specialisations
- Shorter time need for therapeutic decision making process, what in many cases e.g. Autoimmune ones is extremely crucial.

Every party engaged in a project receives individual access data to the system with roles and powers determined to specific data.

Our realisations

Scientific publications

Stanirowski, Paweł Jan, Magdalena Bizoń, Krzysztof Cendrowski, i Włodzimierz Sawicki. 2016. „Randomized Controlled Trial Evaluating Dialkylcarbamoyl Chloride Impregnated Dressings for the Prevention of Surgical Site Infections in Adult Women Undergoing Cesarean Section”. *Surgical Infections* 17 (4): 427–35. doi:10.1089/sur.2015.223.

Stolinski, Jarosław, Kamil Fijorek, Dariusz Plicner, Grzegorz Grudzien, Paweł Kruszec, Robert Musiał, i Janusz Andres. 2016. „Perioperative Outcomes of Minimally Invasive Aortic Valve Replacement through Right Anterior Minithoracotomy.” *The Thoracic and Cardiovascular Surgeon* 64 (5): 392–99. doi:10.1055/s-0035-1566129.

Góraj, Elwira. 2016. „Targin - efficacy and safety of therapy following conversion from earlier opioid in patients with cancer pain. Observational study report”. *BÓL* 17 (3): 11–18. doi:10.5604/01.3001.0009.5268. – prepared on the basis of research conducted with help of eCRF.biz and our statistical analysis.



Specialised team

People are our valuable resource

We have a specialised team of statisticians, programmers, managers with semi-medical education (biology, biotechnology, bioengineering, chemistry, biostatistics, etc.) with a lifetime experience in designing and creating systems, applications and research.

Due to a small employee turnover, we may guarantee a smooth realisation of all processes and stable technical support for any type of project or service.

By providing services to academic centres as well as individual scientists or pharmaceutical clients, we offer only proven solutions and actions, which are recommendable and bring about satisfactory effects.



Our Clients



Śląski
Uniwersytet
Medyczny
w Katowicach



Contact us

**gain your competitive
advantage**

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