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| --- | --- |
| **Scientific publication (publikacja naukowa)** | |
| **Explanation, additional information** | **Content of the lecture** |
| **Struktura publikacji badania**  *Structure of the publication* | Structure of the publication:   * Introduction * Goal * Material * Methods * Project * Measurements * Analysis * Results * Discussion * References |
| **Wstęp**  *Introduction* | Introduction   * Short * Explanation what is to be elucidated * Gives background for the goals of the study * Proves, that the study is original, delivers new knowledge or provides better evidence |
| **Cel**  *Goal* | Goal   * Short * Clear statement * Adequate for the study design |
| **Materiał/ badana próba lub populacja**  *Material* | Material   * Relations between * target population * study population * study sample   http://cliomods.stanford.edu/trailmaps/design/target_pop1.jpg  Source:http://cliomods.stanford.edu/trailmaps/design/design/targetPopulation/index.html  The study sample is of interest any if it shows what is happening in the whole population!  Population at risk   * defined\* group including both sick and healthy about health statements are made   \*geographical, occupational, referring to legal or health system, etc.  No doubt who is included an who is not! |
| **O czym należy pamiętać przy doborze próby do badania**  *About what we should to remember for the sample selection* | Interpretation error   * population not defined or definition is wrong   Referring conclusions to the population other than the studied one |
| **Podsumowanie**  *Summary* | Structure of publication  *What is the study question? Why is it worth answering?*   * introduction * goal   *To whom the conclusions can be applied?*   * material * methods   *How the study was done?*  *How to reproduce it?*  – project  – measurments  – analysis  *What was fund?*   * results   *What is the importance of findings?*   * discussion * references |
| **Znaczenie dyskusji**  *Importance of discussion* | **Discussion**   * summary of the results * discussion of the interpretation of the result   + limitations   + advantages * comparison with other studies * importance of findings * suggestions of the future investigations * final conclusion |
|  | **Other**   * summary of the results * “bullet points” * appendixes, annotations |
| **Bibliografia**  *Bibliograph/ references* | **Bibliography /references**   * ~~manual / hand books~~ * ~~non scientific press~~ * scientific articles * www pages? * personal communication? * only cited! |
| **Ocena wzajemnej ewaluacji**  *Peer review evaluation* | **Peer review evaluation**   * manuscripts are submitted by editor of scientific journals to (usually one to three) fellow (usually anonymous) scientists familiar with the field for evaluation * referees may or may not recommend publication, publication with suggested modifications, or sometimes publication in another journal * serves to keep the scientific literature free of unscientific or pseudoscientific work, to heal cut down on obvious error and generally otherwise to improve quality of the material |
| **Cele wzajemnej ewaluacji**  *Goals of peer view evaluation* | **Goals of peer view evaluation**   * helps to improve the quality of the material * helps to cut down on obvious error * serves to keep the scientific literature free of unscientific or pseudoscientific work |
| **Zdrowie publiczne → Interwencja na zdrowie człowieka!  Interwencja na zdrowie ludzi**  *Public health → Intervention on human health!*  *Intervention on human health* | **Public health → Intervention on human health!**   * knowing population health minimum at baseline (before) and after the intervention * ideally monitoring health of the population all the time |

**VOCABULARY:**

Goal (aim) - cel

Interpretation error - błąd interpretacji

Objective - objektywne

Population at risk - populacja narażona

Study population - populacja badana

Study sample - badana próba