

## **Appendix 6. Reproducible search strategies on patient-based benefit-risk assessment of medicines in PubMed**

### **Reproducible search on patient-based benefit-risk assessment of medicines in PubMed:**

(((((((((((patient preference[MeSH Terms]) OR (Patient Preference / psychology[MeSH Subheading])) OR (Patient Preference / statistics & numerical data[MeSH Subheading])) OR (Patient Preference\*[Title/Abstract])) OR (Patients preference\*[Title/Abstract])) OR (Patient perception[Title/Abstract])) OR (Stated preference\*[Title/Abstract])) OR (Treatment preference[Title/Abstract])) OR (Preference[Title/Abstract])) OR  
(Perspective[Title/Abstract])) OR (choice behavior[MeSH Terms])) OR (decision making[MeSH Terms])) OR (health knowledge, attitudes, practice[MeSH Terms])) AND  
(((((((((((attribute\*[Title/Abstract]) OR (benefit\*[Title/Abstract])) OR (benefit-risk)) OR (risk tolerance)) OR (trade-off\*)) OR (tradeoff\*)) OR (efficacy[Title/Abstract])) OR (safety[Title/Abstract])) OR (side effect\*[Title/Abstract])) OR (adverse event\*[Title/Abstract])) OR (effectiveness[Title/Abstract])) OR (frequency[Title/Abstract])) OR (accepta\*[Title/Abstract])) OR (Maximum acceptable risk)) OR (Minimum acceptable efficacy)) OR (Preferred treatment option[Title/Abstract])) OR (Patient-reported outcome\*[Title/Abstract])) OR (Relative importance[Title/Abstract])) OR (most preferred[Title/Abstract])) OR (least preferred[Title/Abstract])) OR (willingness[Title/Abstract])) OR (risk assessment[MeSH Terms])) OR (benefit risk assessment[MeSH Terms])) OR (Drug-related side effects and adverse reactions/psychology[MeSH Terms]))

### **Reproducible extended search on patient-based benefit-risk assessment of medicines in PubMed:**

(((((((((((patient preference[MeSH Terms]) OR (patient preference/ psychology[MeSH Subheading])) OR (patient preference/ statistics & numerical data[MeSH Subheading])) OR (patient preference\*[Title/Abstract])) OR (patients preference[Title/Abstract])) OR (perception[Title/Abstract])) OR (stated preference\*[Title/Abstract])) OR (treatment preference[Title/Abstract])) OR (treatment satisfaction[Title/Abstract])) OR (willingness[Title/Abstract])) OR (willingness to pay)) OR (patient concerns[Title/Abstract])) OR (choice behavior[MeSH Terms])) OR (decision making[MeSH Terms])) OR (health knowledge, attitudes, practice[MeSH Terms])) OR (attitude to health[MeSH Terms])) OR (patient acceptance of health care[MeSH Terms])) OR (patient acceptance of health care/psychology[MeSH Terms])) AND  
((((((((((((((((((((attribute\*[Title/Abstract]) OR (benefit\*[Title/Abstract])) OR (benefit-risk)) OR (risk tolerance)) OR (risk awareness)) OR (risk perception)) OR (Trade-off\*)) OR (tradeoff\*)) OR (efficacy[Title/Abstract])) OR (safety[Title/Abstract])) OR (side effect\*[Title/Abstract])) OR (adverse event\*[Title/Abstract])) OR (probability of occurrence[Title/Abstract])) OR (effectiveness[Title/Abstract])) OR (frequency[Title/Abstract])) OR (value[Title/Abstract])) OR (utility[Title/Abstract])) OR

(disutility[Title/Abstract])) OR (accepta\*[Title/Abstract])) OR (maximum acceptable risk)) OR  
(minimum acceptable efficacy)) OR (acceptable regimen[Title/Abstract])) OR (preferred  
treatment option[Title/Abstract])) OR (patient-reported outcome\*[Title/Abstract])) OR  
(relative importance[Title/Abstract])) OR (most preferred[Title/Abstract])) OR (least  
preferred[Title/Abstract])) OR (medication belie\*[Title/Abstract])) OR  
(discontinuation[Title/Abstract])) OR (standard gamble[Title/Abstract])) OR (discrete choice  
experiment[Title/Abstract])) OR (conjoint analysis[Title/Abstract])) OR (benefit risk  
assessment[MeSH Terms])) OR (risk assessment[MeSH Terms])) OR (risk reduction  
behavior[MeSH Terms])) OR (Drug-related side effects and adverse  
reactions/psychology[MeSH Terms])) OR (risk[MeSH Terms])) OR (treatment outcome[MeSH  
Terms])) OR (drug administration routes[MeSH Terms])) OR (drug administration  
schedule[MeSH Terms])) OR (Outcome and Process Assessment, Health Care[MeSH Terms]))  
OR (Outcome Assessment, Health Care / methods[MeSH Terms]))