

PROPOSITIONS

1 to 5 related to the thesis; 5 to 10 right not, but scientifically defensible and 1 free proposition:

- 1) Rheumatoid arthritis patients achieving guideline recommended disease target measures compared to patients not achieving target measures have higher quality of life, lower hospitalization and durable medical equipment use (*Chapter 2*)
- 2) Rheumatoid arthritis patients who are anti-citrullinated protein antibody positive compared to negative patients are more likely to have erosive disease and higher bone loss (*Chapter 3*)
- 3) Rheumatoid arthritis patients with simultaneous presence of multiple poor prognostic factors have higher disease activity, lower remission rate and higher hospitalization than those without multiple prognostic factors (*Chapter 5*)
- 4) The increased risk of cardiovascular events in rheumatoid arthritis patients is not due to inadequate management of the traditional cardiovascular risk factors (*Chapter 7*)
- 5) The cost-effectiveness of disease modifying anti-rheumatic drugs in rheumatoid arthritis is higher (*lower ICER*) with increasing levels of anti-citrullinated protein antibody titers (*Chapter 10*).
- 6) Use of cardiovascular risk algorithms in rheumatoid arthritis improves the management of cardiovascular risk factors and reduce the number of cardiovascular events in rheumatoid arthritis
- 7) Increased survival of cancer patients due to the use of immuno-oncology therapies increase the incidence of autoimmune disease as well as health care resource use due to autoimmune disease
- 8) Disease modifying immunotherapies will be used to address multiple therapeutic conditions that have inflammatory pathways such as cardiovascular disease, infection and sepsis
- 9) Early versus later use of biologic as well as targeted synthetic disease modifying rheumatic drugs in subgroups of rheumatoid arthritis patients with poor prognosis will be cost effective
- 10) Economic evaluations of interventions based on a holistic patient-centered approach as compared to the current disease-specific approach will lead to more efficient allocation of healthcare resource
- 11) Positive reinforcement with the sharing of food and toys in puppies will reduce puppy resource safeguarding behavior