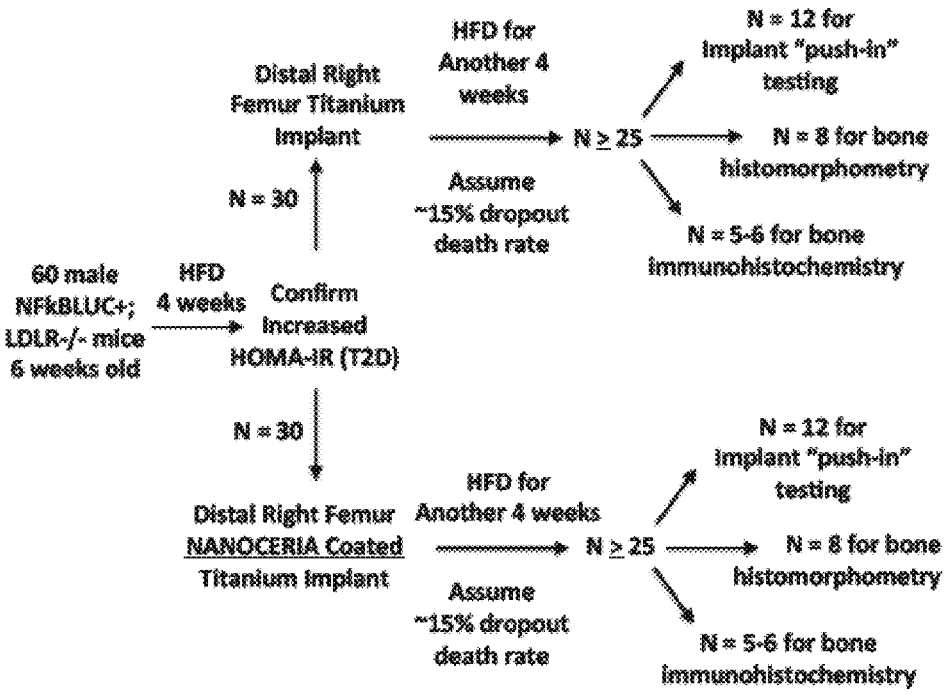
Figure 12


60 male
NFκBLUC+;
LDLR-/- mice
6 weeks old
HFD
4 weeks
Confirm
Increased
HOMA-IR (T2D)
N = 30
Distal Right
Femur Titanium
Implant
HFD for
Another 4
weeks
Assume
~15% dropout
death rate
N ≥ 25
N = 12 for
Implant "push-in"
testing
N = 8 for bone
histomorphometry
N = 5-6 for bone
immunohistochemistry
N = 30
Distal Right Femur
NANOCERIA Coated
Titanium Implant
HFD for
Another 4 weeks
Assume
~15% dropout
death rate
N ≥ 25
N = 12 for
Implant "push-in"
testing
N = 8 for bone
histomorphometry
N = 5-6 for bone
immunohistochemistry