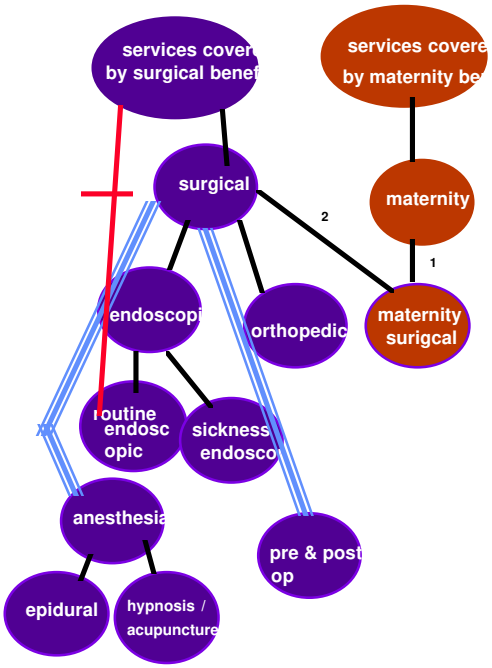

Figure 1: A portion of the benefits network

Plain lines: defeasible is-a;
slashed lines: negative defeasible is-a
shadowed lines: subevent + is-a

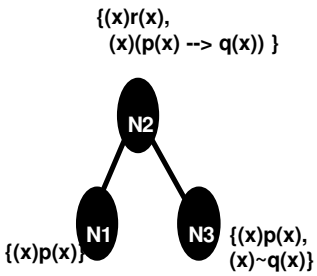

Figure 2: inheriting rules -- rules of a child may contradict rules of a parent

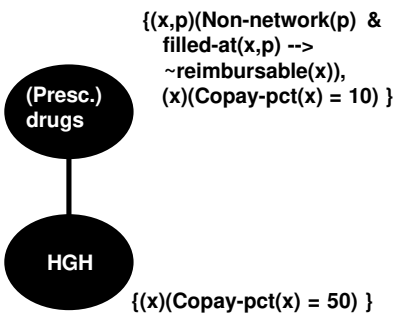

Figure 3: Choosing a maximally consistent subset; specificity criterion

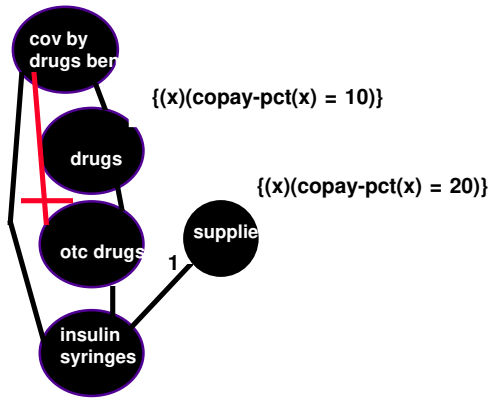

Figure 4: using path preference to guide choice of maximally consistent set

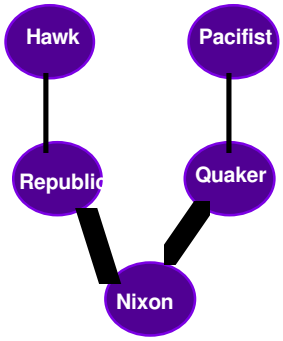

Figure 5: Modified Touretzky Nixon-hawk network (thick lines are strict is-a links). Inconsistency is entailed by background knowledge.

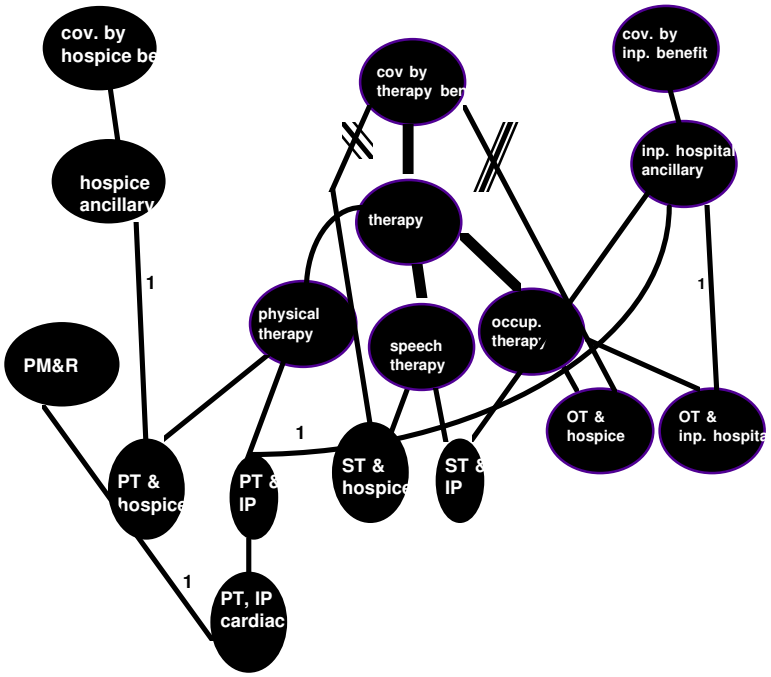

Figure 6: simulating non-unary inheritance by reifying boolean expressions as nodes.

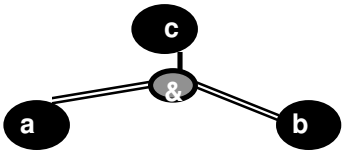

Figure 7: representing general boolean expressions in a network. This represents a & b --> c. Double lines indicate links to a boolean operator.

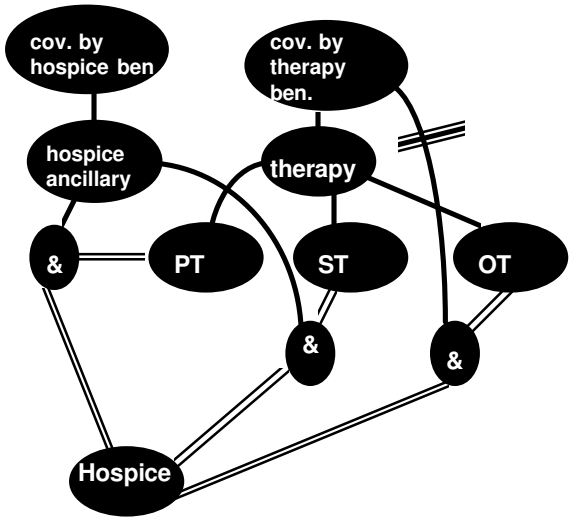

Figure 8: A portion of the therapy network, using the Horty-Thomason approach

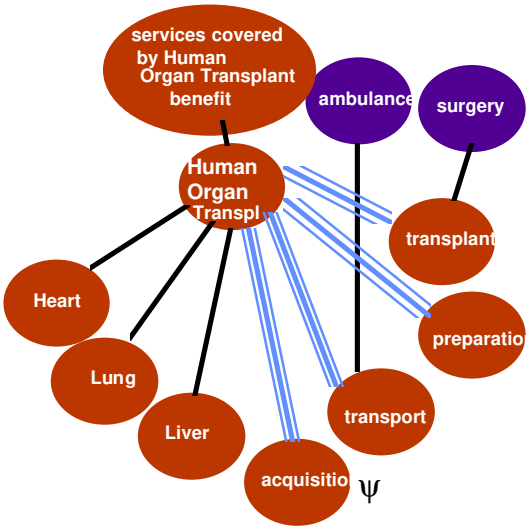

Figure 9: Inheriting from subevents: If ψ is a rule at a subevent, it will also be present at all subtypes of Human Organ Transplant (Heart, Liver, Lung)