```
less_less_suc  THM

⊢  ∀m,n:ℕ. ¬(m<n & n<m+1)
  by RewriteOfThm
     Thm* all(λm:hnum. all(λn:hnum. not(and(lt(m,n),lt(n,suc(m))))))
     {hless_less_suc}
     (SimpsetC [‘hol_to_nuprl‘;‘bequal‘])
END
```