```
less_suc_not  THM

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