```
less_mono_eq  THM

⊢  ∀m,n:ℕ. m+1<n+1 ⟺ m<n
  by RewriteOfThm
     Thm* all(λm:hnum. all(λn:hnum. equal(lt(suc(m),suc(n)),lt(m,n))))
     {hless_mono_eq}
     (SimpsetC [‘hol_to_nuprl‘;‘bequal‘])
END
```