```
less_add_1  THM

⊢  ∀m,n:ℕ. n<m ⇒ (∃x:ℕ. m = n+x+1)
  by RewriteOfThm
     Thm* all
          (λm:hnum. all
                    (λn:hnum. implies
                              (lt(n,m)
                              ,exists
                               (λp:hnum. equal(m,add(n,add(p,1)))))))
     {hless_add_1}
     (SimpsetC [‘hol_to_nuprl‘;‘bequal‘])
END
```