```
list-list-connect_transitivity  THM

⊢  For any graph
   ∀A,B,C:V List. A-->*B ⇒ B-->*C ⇒ A-->*C
  by (Unfold ‘list-list-connect‘ 0) THEN (Unfold ‘l_all‘ 0)
     THEN
     (Unfold ‘list-connect‘ 0)
     THEN
     (Unfold ‘l_exists‘ 0)
     THEN
     (InstHyp [x] 6)
     THEN
     ExRepD
     THEN
     (InstHyp [y] 5)
     THEN
     ExRepD
     THEN
     (InstConcl [y@0])
     THEN
     Connect
END
```