Inference at * 1 1 4 2 1 2
 of proof for Lemma gen_hyp_tp:

. . . . .wf. . . . . NILNIL

1. $A$ : Type
2. $e$ : $A$
3. $H$ : $A$→Type
4. $x$ : $A$
5. $e = x$
6. $H(e)$
7. $A \in$ Type
8. $e \in A$
9. $\forall x{:}A.\ (e = x) \in$ Type

$\vdash \forall z_1{:}\{x{:}A|\ e = x\}\ .\ H(z_1) \in$ Type
  by (%L:wf%
% ifhyp i is not a declaration, then quantifier type

     will already be on the lhs of the >> %
\p.
ifis_visible_var (var_of_hyp (
 get_int_arg ‘i‘ p + 2) p) then
((At (get_term_arg ‘UA‘ p) (D 0))
 CollapseTHENA (
  MemCD THENL [SoftNthHyp (-3);((BackThruHyp (-2))
 CollapseTHEN (NthDecl (-1)))·]))· p

  else
  Id p)

  1:

    10. $z_1$ : $\{x{:}A|\ e = x\}$

    $\vdash H(z_1) \in$ Type
  .