```
fpf-val-single1  THM

⊢  ∀A:Type, eq:EqDecider(A), x:A, v,P:Top.
|  z != x : v(x) ==> P(a,z) ∼ (True ⇒ P(x,v))
| by UnivCD THEN Unfolds [‘fpf-val‘;‘fpf-single‘] 0
|    THEN
|    Unfold ‘fpf-dom‘ 0
|    THEN
|    Reduce 0
|    THEN
|    Subst’ (eqof(eq)(x,x) = true₂) 0
|
|\
| 1. A : Type
| 2. eq : EqDecider(A)
| 3. x : A
| 4. Top
| 5. Top
| ⊢  eqof(eq)(x,x) = true₂
|   by RWO
|      Thm* ∀d:EqDecider(A), i:A. (eqof(d)(i,i)) ∼ true₂
|      {eqof_eq_btrue}
|      0
|
.\
. 1. A : Type
. 2. eq : EqDecider(A)
. 3. x : A
. 4. v : Top
. 5. P : Top
. ⊢  ((true₂ ∨₂ false₂) ⇒ P(x,<[x],λx.v>(x))) ∼ (True ⇒ P(x,v))
.   by Unfold ‘fpf-ap‘ 0 THEN Reduce 0
END
```