```
all_functionality_wrt_implies  THM

⊢  ∀P,Q:(S→Prop).
|  S = T ⇒ (∀z:S. P(z) ⇒ Q(z)) ⇒ (∀x:S. P(x)) ⇒ (∀y:T. Q(y))
| by Unfold ‘guard‘ 0 THEN UnivCD
|
1. S : Type
2. T : Type
3. P : S→Prop
4. Q : S→Prop
5. S = T
6. ∀z:S. P(z) ⇒ Q(z)
7. ∀x:S. P(x)
8. y : T
⊢  Q(y)  by HypBackchain
END
```