```
int_lt_to_int_upper  THM

⊢  ∀i:ℤ, A:({i+1...}→Prop).
|  (∀j:ℤ. i<j ⇒ A(j)) ⟺ (∀j:{i+1...}. A(j))  by Unfold ‘guard‘ 0
|
⊢  ∀i:ℤ, A:({i+1...}→Prop).
|  (∀j:ℤ. i<j ⇒ A(j)) ⟺ (∀j:{i+1...}. A(j))  by GenUnivCD
|
|\
| 1. i : ℤ
| 2. A : {i+1...}→Prop
| 3. ∀j:ℤ. i<j ⇒ A(j)
| 4. j : {i+1...}
| ⊢  A(j)  by BackThru 3
|
.\
. 1. i : ℤ
. 2. A : {i+1...}→Prop
. 3. ∀j:{i+1...}. A(j)
. 4. j : ℤ
. 5. i<j
. ⊢  A(j)  by BackThru 3
END
```