```
iseg_transitivity2  THM

⊢  ∀T:Type, l1,l2,l3:T List. l2 ≤ l3 ⇒ l1 ≤ l2 ⇒ l1 ≤ l3
  by Auto THEN InstLemma ‘iseg_transitivity‘ [T;l1;l2;l3] THEN Auto
END
```