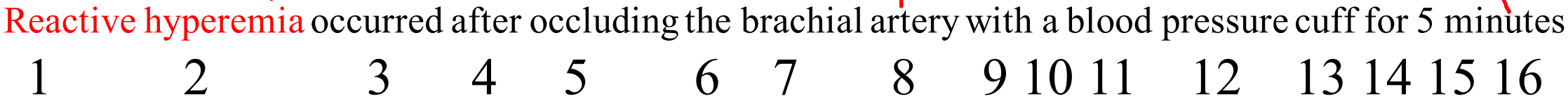


Stanford Dependency Parsing tree。  
"Reactive hyperemia occurred after occluding the brachial artery with a blood pressure cuff for 5 minutes"

compound(hyperemia-2, Reactive-1)  
nsubj(occurred-3, hyperemia-2)  
root(ROOT-0, occurred-3)  
mark(occluding-5, after-4)  
advcl(occurred-3, occluding-5)  
det(artery-8, the-6)  
amod(artery-8, brachial-7)  
dobj(occluding-5, artery-8)  
case(cuff-13, with-9)  
det(cuff-13, a-10)  
compound(cuff-13, blood-11)  
compound(cuff-13, pressure-12)  
nmod:with(occluding-5, cuff-13)  
case(minutes-16, for-14)  
nummod(minutes-16, 5-15)  
nmod:for(cuff-13, minutes-16)



Syntactic Tree Vs. Dependency Tree

"Reactive hyperemia occurred after occluding the brachial artery with a blood pressure cuff for 5 minutes"

compound(hyperemia-2, Reactive-1)  
nsubj(occurred-3, hyperemia-2)  
root(ROOT-0, occurred-3)  
mark(occluding-5, after-4)  
advcl(occurred-3, occluding-5)  
det(artery-8, the-6)  
amod(artery-8, brachial-7)  
dobj(occluding-5, artery-8)  
case(cuff-13, with-9)  
det(cuff-13, a-10)  
compound(cuff-13, blood-11)  
compound(cuff-13, pressure-12)  
nmod:with(occluding-5, cuff-13)  
case(minutes-16, for-14)  
nummod(minutes-16, 5-15)  
nmod:for(cuff-13, minutes-16)

Token(index=1, form='Reactive', cpos='JJ', pos='JJ', head=2, deprel='amod')  
Token(index=2, form='hyperemia', cpos='NNS', pos='NNS', head=0, deprel='root')  
Token(index=3, form='occurred', cpos='VBN', pos='VBN', head=2, deprel='acl')  
Token(index=4, form='after', cpos='IN', pos='IN', head=5, deprel='mark')  
Token(index=5, form='occluding', cpos='VBG', pos='VBG', head=3, deprel='advcl')  
Token(index=6, form='the', cpos='DT', pos='DT', head=8, deprel='det')  
Token(index=7, form='brachial', cpos='JJ', pos='JJ', head=8, deprel='amod')  
Token(index=8, form='artery', cpos='NN', pos='NN', head=5, deprel='dobj')  
Token(index=9, form='with', cpos='IN', pos='IN', head=13, deprel='case')  
Token(index=10, form='a', cpos='DT', pos='DT', head=13, deprel='det')  
Token(index=11, form='blood', cpos='NN', pos='NN', head=13, deprel='compound')  
Token(index=12, form='pressure', cpos='NN', pos='NN', head=13, deprel='compound')  
Token(index=13, form='cuff', cpos='NN', pos='NN', head=8, deprel='nmod')  
Token(index=14, form='for', cpos='IN', pos='IN', head=16, deprel='case')  
Token(index=15, form='5', cpos='CD', pos='CD', head=16, deprel='nummod')  
Token(index=16, form='minutes', cpos='NNS', pos='NNS', head=8, deprel='nmod')