(ii) is ungrammatical because *deliberately* is contained within a VP headed by the nonagentive verb *roll* ,which has the θ-role THEME. Thus, adverbs like *deliberately* are strictly vp adverbs. On the other hand, it follows that there are adverbs that are VP adverbs such as *perfectly*, as shown in the sentences of (10).

10.

(i) Mary jumped the horse *perfectly* over the last fence.

(ii) * Mary *perfectly* jumped the horse over the last fence.

The VP shell analysis not only applies to verbs that appear to have two complements and have intransitive counterparts (e.g. *We rolled the ball down the hill/ / The ball rolled down the hill/*) but also applies to verbs that appear to have two complements and do not have intransitive counterparts, as shown by (11).

11.

(i) They loaded [the truck] [with hay].

(ii) He gave [no explanation] [to his friends].

(iii) They took [everything] [from her].

(iv) * The truck loaded [with hay].

(v) * No explanation gave [to his friends].

(vi) * Everything took [from her].

Therefore, verbs of this type are assumed to have the structure in (12), which is similar to the above discussed ergative verbs (see the structures in (5)):