

**GOVERNMENT OF INDIA
MINISTRY OF HEALTH AND FAMILY WELFARE
DEPARTMENT OF HEALTH AND FAMILY WELFARE**

**LOK SABHA
UNSTARRED QUESTION NO. 2115
TO BE ANSWERED ON 29TH JULY, 2016**

CELLULOSE BASED CAPSULES

2115. SHRI KIRTI VARDHAN SINGH:

Will the Minister of **HEALTH AND FAMILY WELFARE** be pleased to state:

- (a) whether the capsules in India are manufactured by using gelatin, if so, the details thereof;
- (b) whether the Government proposes to introduce plant cellulose based capsules shell to replace those made of gelatin, if so, the details thereof; and
- (c) whether the Government has issued guidelines/norms and study in this regard, if so, the details thereof and the time by which it is likely to be implemented?

**ANSWER
THE MINISTER OF STATE IN THE MINISTRY OF HEALTH AND
FAMILY WELFARE
(SHRI FAGGAN SINGH KULASTE)**

(a): Most of the capsules in India are manufactured using gelatin.

(b) & (c): Central Drugs Standard Control Organisation (CDSCO) has approved use of Empty Hydroxyl Propyl Methyl Cellulose (HPMC) capsules for drug formulations. In response to comments sought by Central Drugs Standard Control Organization, most of the respondents have opposed replacement of gelatin capsules with cellulose based capsules.

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