INTRODUCTION
Microdontia, in scientific literature refers to teeth that are smaller than normal size and are outside the normal limits of variation. Brook (2009) stated that any mismatch between the molecular and cellular components during dental development manifests as distinct dental anomalies. These abnormalities may become apparent as structural and morphological variations or as alterations in the number of teeth.

The prevalence rate of microdontia as per various authors ranges from 0.16% to 4.3%. It was also reported that single tooth microdontia is a common condition affecting the maxillary lateral incisor and the second most commonly involved are the third molars. One of the most common form of localized microdontia of maxillary lateral incisor is referred to as a "peg lateral". A peg shaped incisor has a noticeable fall in diameter, ranging from the cervical region to the incisal edge. The described prevalence ranges from 0.8-8.4%.

However, microdontia of maxillary and mandibular central incisors is reported as a rare condition. Reason for such a tooth anomaly is often linked to genetics which is linked with early tooth positioning. A rare case of non-syndromic unilateral peg shaped mandibular central incisor is communicated in this report.

CASE REPORT
A healthy 9-year-old male reported to the Department of Paedodontics and Preventive Dentistry for treatment of decayed teeth. There was no associated pain. His dental, medical, family and personal history was non-contributory. No one in his family had congenitally missing or small teeth. Patient had no history of trauma or extraction. On extra-oral examination, the face was bilaterally symmetrical with convex profile. No temporomandibular joint abnormality was observed. Upon intra-oral examination, the soft tissue examination showed no abnormality. The hard tissue examination revealed a mixed dentition stage with decayed 54, 64, 73, 74, 75, and 84, over-retained tooth that is 82. Also noted in the mandibular segment was peg shaped central incisor that is 41 (Figure 1).

KEYWORDS: Unilateral Microdontia, Peg Laterals, Mandibular Central Incisor
The mandibular peg incisor was neither pulpally nor periodontally compromised. History revealed that the deciduous incisors were of usual morphology and were not subjected to any trauma. On radiographic examination, the presence of peg shaped central incisor showed incomplete root formation, established the diagnosis of non-syndromic occurrence of peg mandibular right central incisor (Figure 2). The treatment for presenting complaint and other decayed teeth were initiated and patient is under evaluation for a phased conservative treatment.

DISCUSSION
Genetic and epigenetic factors control the occurrence of a variety of tooth morphological peculiarities. Other etiological factors for genesis of their malformations are environmental factors such as cytotoxic medications, trauma, radiation or pulpal complications (Koch et al., 2009). But there was no such history in this case. In the study by Guttal et al. in 2010, microdontia accounted to only 0.16% of the total sample size of 20182 individuals in Indian population. However in a recent study conducted by Gupta SK et al. in 2011 in Indian population with sample size of 1123, the occurrence of microdontia was 2.58%. Patil S et al. in 2012 reported that microdontia had an occurrence rate of 1.0% in a sample size of 4133 and the most common microdontia was of the maxillary lateral incisor. The prevalence of unilateral peg shaped mandibular incisor has been reported to be 1% of the population. The occurrence was more in girls than boys. However microodontia with mandibular central incisors was not seen in either of the studies mentioned above thus making it a uncommon occurrence. According to Shafer’s there are three types of microdontia: 1) true generalized microdontia, 2) relative generalized and 3) microdontia involving a single tooth. As in our case report there is microdontia involving single tooth. Bargale et al., (2011) categorized microdontia of a single tooth as:

(1) microdontia of the whole tooth
(2) microdontia of the crown of the tooth, and
(3) microdontia of the root alone.

There are only few published cases of isolated non syndromic peg shaped permanent mandibular central incisor, thus making it a rarity. Various studies report that maxillary teeth being peg shaped however only five cases report that mandibular tooth is affected. There are four studies that report mandibular central incisors being peg shaped and one report mandibular lateral incisor affected. The syndromes associated with microdontia are Gorlin-Chaudhry-Moss syndrome, Ullrich-Turner syndrome, Chromosome, Williams’s syndrome, Rothmund-Thomson syndrome, Hallermann-Streiff, Orofaciodigital syndrome (type 3), Tricho-Rhino-Phalangeal, Oculo-mandibulo-facial syndrome, and typei Branchiooculo-facial syndrome (Bargale et al., 2011). Treatment approach needs to be case specific and depends on the state of primary predecessor, number of missing teeth, status of occlusion/occlusal condition and patient/ parent’s preferences.

CONCLUSION
Anomalies of teeth involve variations in the dentition that can cause dental disharmony, further affecting functional and aesthetic discrepancies. Hence, early diagnosis and appropriate management of dental anomalies is essential.

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For article enquiry/author contact details, e-mail at: manuscriptenquiry.ihrj@gmail.com

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