INTRODUCTION
The site of Sanjan is believed to be one of the earliest places on the Indian subcontinent where the Zoroastrian Parsis settled after fleeing from Persia (present day Iran) due to Islamic persecution. This site represents a city that existed between the 8th and 13th centuries A.D. and has yielded a large amount of osteological remains dating to the 15th century A.D. Sanjan was discovered in the year 2002. The excavations of the first two years (2002, 2003) established the contact of Sanjan with West Asia and Iran but did not provide any specifically Zoroastrian evidence to establish the ethnicity of the population. Excavations carried out in 2004 revealed a mortuary structure which typifies a Parsi settlement. This structure, known as the Dakhma or the Tower of Silence, was an absolute proof of the existence of a large Parsi population at this site.

In 2004, 40% of the mortuary site of Sanjan was excavated indicating the presence of skeletal remains of approximately 140 individuals. Since the osteological material recovered from this excavation is disarticulated and commingled, analyses of the cranial, dental and postcranial remains were carried out independently by Dutt, Bhattacharya and Pitale respectively. The sample studied during the course of this research comprised of approximately 12% of the total collection. The purpose was to determine whether these Sanjan remains have traits consistent with those known to characterize contemporary Zoroastrians Parsis in India.

MATERIAL AND METHODS
- 386 Postcranial Bones. Roughly 12% of the entire excavated collection.
- Disarticulated skeletal remains with no discernable organization.
- Skeletal remains include newborns, sub-adults, adolescents, adults and elderly individuals.
- Glass beads, metal ornaments and pot-sherds recovered along with human remains.
- Bones are fragmented and the fragment sizes differ widely.
- High prevalence of long bones in the sample due to their better preservation.
- Pathological and taphonomic changes were observed and recorded.
- All bones with pathological lesions were radiographed.
- Collection curated at Deccan College (Deemed University), Pune, India.
- Stature Estimation carried out on long bones (Buikstra and Ubelaker 1994).

RESULTS
- MNI Count: 36 (Left Femur)
- Taphonomic changes observed on 6 femora (Soil pH value is 6 = slightly acidic soil).
- Five bones show lesions resulting from non-specific infections.
- Two bones show the presence of neoplastic growths and tumors.
- One femur indicates the presence of osteopenia (probable osteoporosis).

TAPHONOMIC CHANGES
Six femora show extensive wear due to taphonomic changes. Five out of these six femora indicate wear occurring as a result of water logging or presence of extensive vegetation. The 6th femur (L17) possesses a groove on the lateral aspect of the distal shaft, likely evidence of post mortem scavenging by the Indian wild boar (Sus scrofa). This finding suggests that such animals had access to the skeletal remains unlike current dakhmas.

PATHOLOGICAL OBSERVATIONS
- Osteomyelitis (n = 3)
- Periostitis (n = 2)
- Exostosis or Cancellous Osteoma (n = 1)
- Osteoid Osteoma (n = 1)
- Osteopenia (probable Osteoporosis) (n = 1)

LIMITATIONS AND SIGNIFICANCE
The nature of fractured, commingled remains pose a challenge. However, through this study we are able to gain an insight into the health of ancient Zoroastrians that reveal differences than within modern Parsis.

Present day Zoroastrians (Parsis) in India are an extremely influential community, socially and economically, as well as politically. This community is today extremely endogamous but in the past there has been gene flow between the Parsis and other local western Indian local populations. Further study of skeletal remains from Sanjan will aid us in understanding how the Parsis have adapted to the Indian subcontinent since their migration to India almost 1300 years ago.

OPPORTUNITIES FOR FUTURE RESEARCH
- Rest of the Sanjan dakhma needs to be excavated so that an indepth and extensive analysis of the skeletal remains can be carried out.
- Comparative analysis of pathological lesions observed by Pitale, Dutt and Bhattacharya with the pathologies prevalent among present day Parsis is essential.
- It is also necessary to carry out a comparative analysis of remains from Sanjan dakhma and other contemporary dakhmas in India when they are excavated in the future.

Bibliography:
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