



# RAJAS DENTAL COLLEGE & HOSPITAL

Kavalkinaru, Tirunelveli, Tamil Nadu – 627105

Affiliated to The Tamil Nadu Dr. M.G.R. Medical University, Accredited by NAAC

## OSPE (OBJECTIVE STRUCTURE PRACTICAL EXAMINATIONS)





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## OSCE (OBJECTIVE STRUCTURE CLINICAL EXAMINATIONS)

The screenshot shows a Zoom meeting interface. The main window displays a presentation slide with the following content:

Zoom Meeting  
Remaining Meeting Time: 09:48

**Case Series**  
**The Zygomatic Buttress as an Efficient Intraoral Donor Site for Limited Maxillary Reconstructions: A Case Series and Brief Literature Review**

Joseph Basill<sup>1</sup>, Abhin Abi Selman<sup>2</sup>, Stephanie Mridul<sup>3</sup>, and Ziad Naejem<sup>4</sup>

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<sup>2</sup>Department of Oral and Maxillofacial Surgery, Faculty of Dental Medicine, Ulsan University, Ulsan, South Korea  
<sup>3</sup>Department of Oral and Maxillofacial Surgery, Faculty of Dental Medicine, Ulsan University, Ulsan, South Korea  
<sup>4</sup>Department of Oral and Maxillofacial Surgery, Faculty of Dental Medicine, Ulsan University, Ulsan, South Korea

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Abstract: Maxillary defects are commonly guided with bone blocks harvested from the maxilla to the same hardening a normal surgical site and the resulting increase both operative time and patient's postoperative morbidity. To overcome these drawbacks, the zygomatic buttress (ZB) was suggested as an alternative suitable source of autogenous bone. The aim of this study was to evaluate the ZB as an intraoral donor site and compare it with the maxilla through the same flap design. This paper is a case series describing the innovative technique of bone harvesting from the zygomatic buttress to reconstruct limited maxillary defects in the maxilla.

**1. Introduction**

In a retrospective study, the zygomatic buttress (ZB) was found to be a suitable donor site for maxillary reconstruction. The ZB provides a rich source of bone and is easily accessible through the same flap design. The ZB is a suitable donor site for maxillary reconstruction. The ZB provides a rich source of bone and is easily accessible through the same flap design. The ZB is a suitable donor site for maxillary reconstruction. The ZB provides a rich source of bone and is easily accessible through the same flap design.

**2. Case Series**

The ZB was used as an intraoral donor site for bone harvesting from the maxilla to reconstruct limited maxillary defects. The ZB provides a rich source of bone and is easily accessible through the same flap design. The ZB is a suitable donor site for maxillary reconstruction. The ZB provides a rich source of bone and is easily accessible through the same flap design.

The participants list on the right includes:

- Vinej Somaraj (Me)
- Nivetha P (Host)
- Nirmala S
- Meena L
- mithun maniraj
- Mohan Reghu
- Ooviya Dushyanth
- Vijiraj
- Nishanth M



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The screenshot shows a Zoom meeting interface. The main window displays a presentation slide titled "A Conservative Approach to Surgical Management of Root Canal Perforation". The slide includes the following text:

**Case Report**  
**A Conservative Approach to Surgical Management of Root Canal Perforation**

Régis Augusto Aleixo Alves, André Luiz Gomide Morais, Thábata Frederico Izelli, Cynthia R. A. Estrela, and Carlos Estrela

Department of Stomatology Sciences, Federal University of Goiás, Goiânia, Brazil

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Academic Editor: Giuseppe Alessandro Scudiero

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This study describes a conservative approach to surgical management of root canal perforation in maxillary lateral incisors. Patient was referred for ornamentation of a maxillary lateral incisor. Her chief complaint was discomfort in the buccal area. Periapical radiography showed radiopaque material consistent with sealing material inside the root canal. A CBCT scan was acquired and revealed a gap/particle zone outside the root canal, from the middle third to beyond the root apex. The intraoral examination showed that the pulp cavity had not been affected. Thus, we took the clinical alternative of surgically managing the perforation by sealing with MTA, thereby avoiding endodontic treatment, and followed up with only clinical and radiographic control. At the two-year follow-up, after the surgical procedure to remove the extruded filling material, we observed basic tonal formation and positive response to pulp tests, without any clinical signs or symptoms. Root perforation is considered a significant error in an operative procedure. Once a perforation is properly diagnosed, located, and sealed with bioactive restorative materials, favorable prognosis is often achieved. MTA offered good sealing of the perforation, with promising results. Decision-making using the CBCT scan enabled us to adopt a conservative approach and favored more reliable treatment predictability.

**1. Introduction**

Root perforation results in communication between the root canal system and the external tooth surface [1]. When completing the last steps of the endodontic therapeutic protocol, all care must be taken to avoid accidents that may risk losing teeth [2].

In clinical practice, pathological perforations are frequent. Iatrogenic root perforations may occur at any time in root canal treatment, during access cavity opening, root canal preparation, or post preparation. All these procedural operative errors may lead to treatment failure [3–6].

In this respect, previous planning for root canal treatment becomes essential, particularly clinical and radiographic examination. Operative procedures prior to access cavity preparation involve removal of all carious tissue, restoration of defects, and weakening of the dentin structure, actions which could change the coronal reference. Careful analysis of the coronal chamber based on 3-dimensional imaging exams, well-planned selection of a drill compatible with the coronal volume, and good lighting and magnification are essential procedures, because they favor visualization of the cavity distal coronary opening, and prevent unpleasant accidents [2, 6].

The advent of new technologies incorporated into imaging exams in endodontics, such as cone beam computed tomography (CBCT) [7–9], have impacted the outcome root canal treatment. Better diagnostic accuracy across several clinical conditions [8–12] and better predictability in the decision-making process in clinical practice has allowed establishing more conservative therapeutic protocols. In this respect, the present study describes a conservative approach to surgical management of root canal perforation in a maxillary lateral incisor.

**2. Case Presentation**

An 11-year-old female patient in good general health sought treatment at the Public Dental Specialty Center, Brazil, with

The right side of the Zoom window shows a list of 9 participants:

- Vinej Somaraj (Me)
- Vijiraj (Host)
- Meena L
- mithun maniraj
- Nirmala S
- Mohan Reghu
- Nishanth M
- Nivetha P
- Ooviya Dushyanth

The Zoom meeting controls at the bottom include "Invite" and "Mute Me" buttons, and a system tray showing the time as 12:22 on 28-05-2021.



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## LIBRARY PROCESSES INTEGRATING ICT

### LIBRARY MANAGEMENT SYSTEM ( <http://103.211.80.99:8080/AutoLib/> )

The screenshot displays the AutoLib library management system interface. The browser address bar shows the URL <http://103.211.80.99:8080/AutoLib/Home/index.jsp>. The page header includes the Rajas Dental College logo, the date and time (19 Jan 2022, 10:22:02), and the text "Powered by AutoLib Software Systems". A navigation menu contains links for Home, Master, Cataloguing, Circulation, Serial Control, Acquisition, Admin, Search, Gate, Reports, and Logout. The user is logged in as "Librarian".

User information fields include:

User Id	:	Department	:
User Name	:	Valid Date	:
Designation	:		

Library User Login Counts: Total Logins: 3405 Today Logins: 2

**Total Collection and Transaction Details**

Collection (7905)	Member (908)	Due List (22)
Issued List (23)	Returned List (2217)	Renewed List (0)

**Today Transaction Details**

Issued List (0)	Returned List (0)	Renewed List (0)
TotalAmount (0.00)	PaidAmount (0.00)	Gate Login(0)

**Related Links**

My Transaction	Search	Counter	Due Reminder	Book	Member	Counter Report	Photo	Backup
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**Suggestion**

See Suggestions





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The screenshot displays a web browser window with the URL `192.168.96.115:8080/AutoLib/Book/BookServlet?flag=loadBook&doc_type=BOOK`. The page header includes the Rajas Dental College logo and navigation menu items: Home, Master, Cataloguing, Circulation, Serial Control, Acquisition, Admin, Search, Gate, Reports, Logout. The date and time are 19 Jan 2022, 10:23:16. The user is identified as Librarian.

The main content area is titled "Book Master" and contains several sub-sections:

- Buttons: BOOK, BOOK BANK, NON BOOK, REPORT, THESIS, STANDARD, PROCEEDING, BACK VOLUME
- Radio buttons:  Main Entry,  Additional Information,  Keywords/Notes
- Action buttons: New-F6, Save-F9, Delete-F7, Search, Clear-F3

The form fields are as follows:

Access No*	<input type="text"/>	Find	Call No	<input type="text"/>	Find	Rec. Date	19-01-2022	...
Author Name	<input type="text"/>	Find	Author Role	AUTHOR				
Title*	<input type="text"/>							
Sub Title	<input type="text"/>					Edition	<input type="text"/>	
Publisher*	NIL	Find	Place	<input type="text"/>		Year Pub	<input type="text"/>	
Subject*	NIL	Find	ISBN	<input type="text"/>		Pages	<input type="text"/>	
Department*	NIL	Find	Course	UG				
Location	<input type="text"/>		Trans.Dept	<input type="text"/>		Availability	YES	

The Windows taskbar at the bottom shows the system time as 10:23 AM on 1/19/2022.



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The screenshot displays a web browser window with the URL `192.168.96.115:8080/AutoLib/journalSubscription/JournalSubscriptionServlet?flag=load`. The page header includes the college logo, name, and contact information, along with the date and time: `Date&Time: 19 Jan 2022, 10 : 24 : 06`. The user is logged in as a Librarian.

The main navigation menu includes: Home, Master, Cataloguing, Circulation, Serial Control, Acquisition, Admin, Search, Gate, Reports, Logout. The 'Search' menu is expanded, showing options: Simple Search, Advanced Search, Quick Search, Query Builder, Journal Article, E-Resource, NewsClipping, User Account, Journal Search, Question Bank, and Ebook Search.

The 'Journal' form contains the following fields and values:

- Subs No. [ ]
- J / M / O [ ]
- Supplier [ ]
- Subs From: 19-01-2022
- Month [ ]
- IssueNo: 1
- Cost: 0
- Discount: 0
- Budget Name: NIL
- Journal Article c.No.: JNL5592
- E-Resource [ ]
- NewsClipping [ ]
- User Account [ ]
- Journal Search [ ]
- Question Bank [ ]
- Ebook Search [ ]
- Availability: PENDING
- Volume [ ]
- No.ofIssues: 12
- BPrice: 0

Buttons: Find, Find, Find, Create Issues, New, Save, Delete, Search, Clear.

System tray: 10:24 AM, 1/19/2022.



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The screenshot displays a web browser window with the URL `192.168.96.115:8080/AutoLib/journalSubscription/JournalSubscriptionServlet?flag=load`. The page header includes the Rajas Dental College logo, the date and time (19 Jan 2022, 10:25:17), and the text "Powered by AutoLib Software Systems" and "Welcome : Librarian". A navigation menu contains links for Home, Master, Cataloguing, Circulation, Serial Control, Acquisition, Admin, Search, Gate, Reports, and Logout. The main content area is titled "Journal Subscription" and contains a form with the following fields and values:

- Subs No.:
- Find Starting Acc.No.: JNL5692
- J / M / O:
- Supplier:
- Subs From: 19-01-2022
- Subs To: 19-01-2023
- Availability: PENDING
- Month:
- Year:
- Volume:
- IssueNo: 1
- Frequently: MONTHLY
- No. of Issues: 12
- Cost: 0
- Currency: RUPEES
- BPrice: 0
- Discount: 0
- NetPrice: 0
- Budget Name: NIL

Buttons for "Find" and "Create Issues" are located at the bottom of the form. Below the form are buttons for "New", "Save", "Delete", "Search", and "Clear". The browser's taskbar at the bottom shows the system time as 10:25 AM on 1/19/2022.





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Date & Time: 19 Jan 2022, 10 : 26 : 35  
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Welcome : Librarian

Home Master Cataloguing Circulation Serial Control Acquisition Admin Search Gate Reports Logout

Resource Entry  
Member  
PhotoUpload  
E-Resource  
NewsClipping  
Missing-Resource  
Contents  
Question Bank  
EBook

**EBook Master**

Access No\* EB121 Find Call No Find Rec. Date 19-01-2022 ...  
Title\* Edition  
Author Name\* Find Role AUTHOR v  
Publisher NIL Year Pub Find Pages  
Subject NIL Department NIL Course UG v  
Content DocType EBOOK v

New Save Delete Search Clear

Last Visited Time is :  
Wed Jan 19 09:32:02 IST 2022

10:26 AM  
1/19/2022

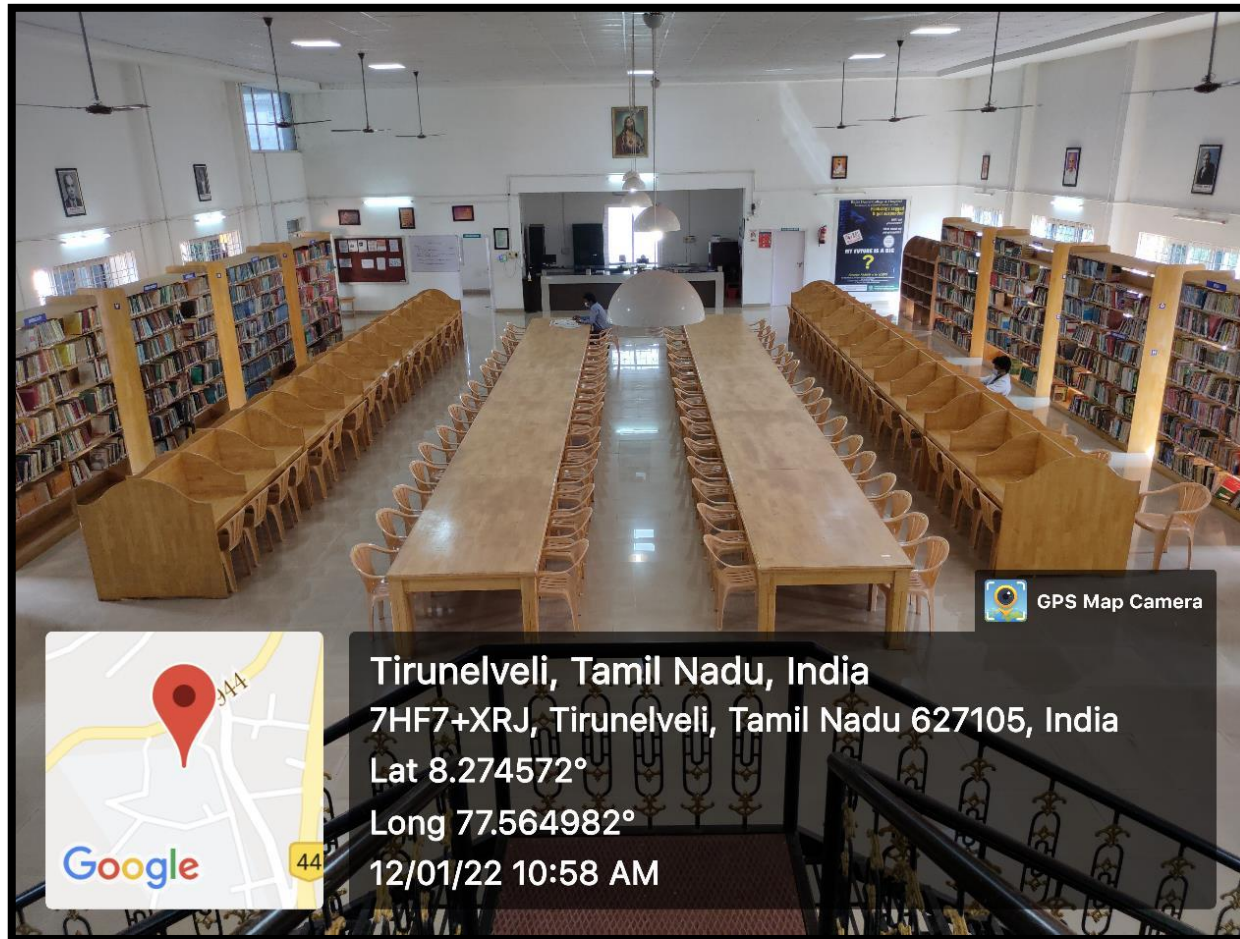


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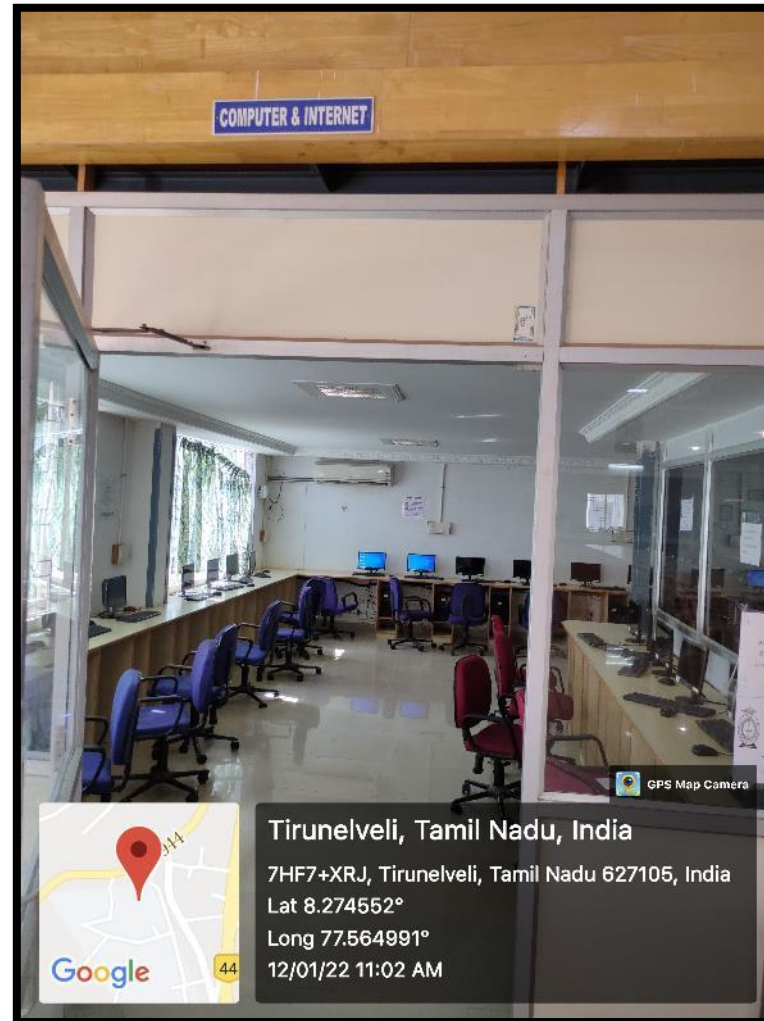




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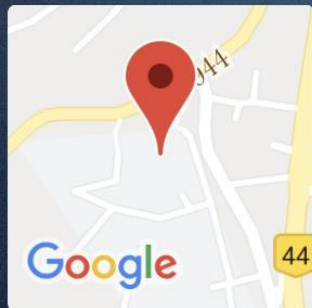
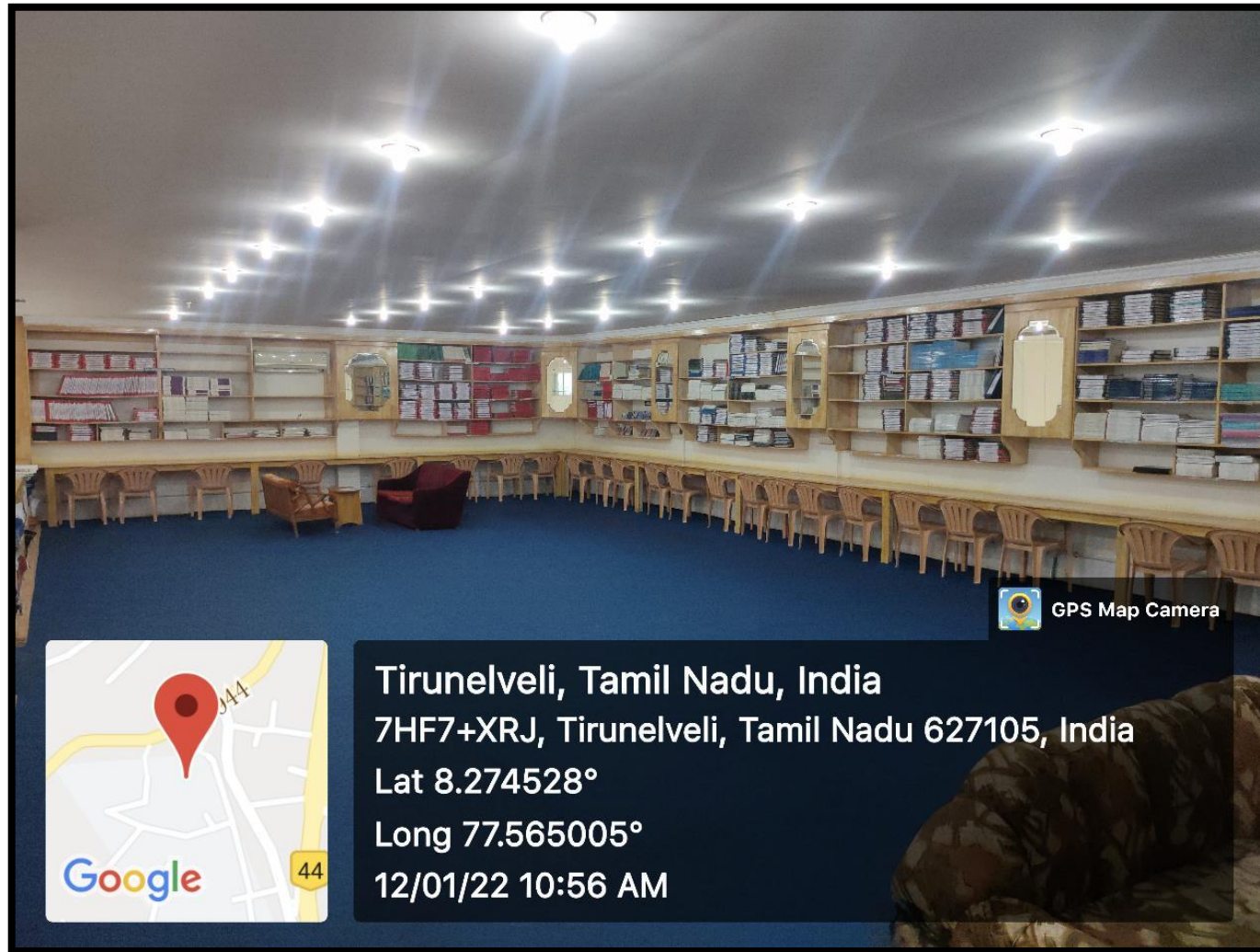




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7HF7+XRJ, Tirunelveli, Tamil Nadu 627105, India  
Lat 8.274528°  
Long 77.565005°  
12/01/22 10:56 AM

GPS Map Camera