

# ENDOSCOPIC INTRA-PROCEDURAL AQUA EXPELLER (EIAE)



Innovator & Presenter

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# NEED FOR INNOVATION

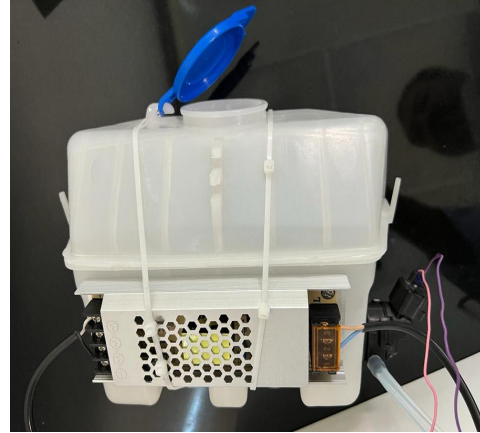


- During all endoscopy procedures, the water needs to be flushed for clearer and better vision of interiors
- This is usually done manually using Syringe & a dedicated person is required to do the same
- The conventional practice requires additional manpower & is time consuming
- EIAE is a revolutionary invention which has simplified the process of using water during the procedures.
- Above challenges have been overcome with the invention of “ Endoscopic Intra-procedural Aqua Expeller (EIAE) ”.

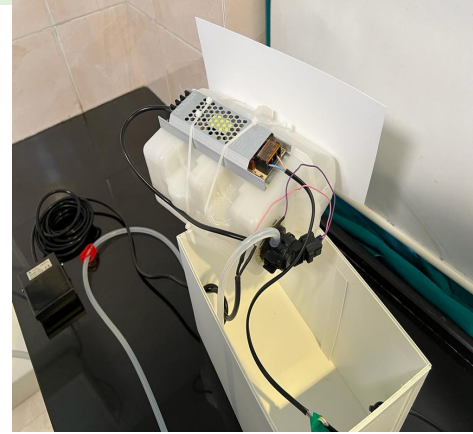
# DESIGN & MAKING



Assembly of EIAE



Water Tank



Motor Part



Foot Paddle

## WORKING PRINCIPLE & TOTAL MAKING COST

Water jet technology is used in this invention which is based on a conventional, pressure-driven continuous jet technique. Using EIAE, the technician or doctor can operate it single handedly with the use of a foot paddle.

1. MOTOR
2. WATER TANK
3. POWER CORD
4. FOOT PADDLE CORD
5. FOOT PADDLE
6. BOX
7. POWER CONTROL ADAPTER

**Rs. 2000/-**

# ADVANTAGES



- Maintains a clear endoscopic view.
- Procedure can be performed single handedly.
- Does not harm the small vessels or cause mechanical or thermal damage.
- Useful for reducing time for the procedure.
- Avoids discomfort during examination.
- Helps with finding small lesions.
- Cost effective.
- Easy to operate.

# UNIQUE FEATURES



- Proudly **Made in India.**
- User friendly
- Compatible with older as well as newer generation endoscopes.
- Affordable in comparison to its peers available in market
- Low maintenance.
- Less manpower required.
- Compact Design (Portable & light)
- Low Risk
- Easy to clean



# FEEDBACK FROM DOCTORS

Very Good pump  
Works well enough  
as good as one of the leading  
companies.  
NDesai

**Dr. Nutan Desai**  
D.M Gastroenterology

Water jet pump available at Fortis Hospital,  
Endoscopy works extremely well and help  
clear vision during endoscopy and makes  
the procedure fast and simple  
It deserves a 5 star rating from me  
Nimish Shah

**Dr. Nimish Shah**  
D.NB Gastroenterology

Excellent Novel design,  
useful for all the endoscopic procedure  
& most importantly it saves time.  
Dhiren Pipalia

**Dr. Dhiren Pipalia**  
D.M Gastroenterology

The pumping pump machine used  
for endoscopic procedures  
is flawless & works efficiently  
for all diagnostic & therapeutic  
endoscopic procedures  
Rajdeep More

**Dr. Rajdeep More**  
D.NB Gastroenterology

excellent Water pump,  
Makes therapeutic procedures and  
Colonoscopy with suboptimal preparations  
very easy.  
Totally recommend it!  
S Bhandari

**Dr. S Bhandari**  
M.S General Surgery  
Fellowship of  
endoscopy, South Korea  
Interventional  
Gastroenterologist

**THANK YOU**