

A MALONEY BOUGIE DILATOR IS USED IN WHICH ANATOMICAL STRUCTURE? A. COMMON BILE DUCT B. ESOPHAGUS C. URETHRA

UNDERSTANDING THE MALONEY BOUGIE DILATOR AND ITS CLINICAL APPLICATIONS

A MALONEY BOUGIE DILATOR IS USED IN WHICH ANATOMICAL STRUCTURE? A. COMMON BILE DUCT B. ESOPHAGUS C. URETHRA. THIS QUESTION IS FUNDAMENTAL IN UNDERSTANDING THE PURPOSE AND APPLICATION OF THIS SPECIALIZED MEDICAL INSTRUMENT. THE MALONEY BOUGIE DILATOR IS PRIMARILY USED IN THE MANAGEMENT OF ESOPHAGEAL CONDITIONS, PARTICULARLY FOR PROCEDURES INVOLVING THE ESOPHAGUS. IT PLAYS A VITAL ROLE IN DIAGNOSTIC AND THERAPEUTIC INTERVENTIONS AIMED AT ALLEVIATING ESOPHAGEAL STRICTURES, NARROWING, OR OBSTRUCTIONS. TO FULLY GRASP ITS USE, IT IS ESSENTIAL TO EXPLORE THE DESIGN, MECHANISM, AND CLINICAL INDICATIONS RELATED TO THIS INSTRUMENT, ESPECIALLY ITS RELATIONSHIP WITH THE ESOPHAGUS.

INTRODUCTION TO BOUGIE DILATORS

WHAT ARE BOUGIE DILATORS?

BOUGIE DILATORS ARE FLEXIBLE OR SEMI-RIGID TUBES USED TO GENTLY STRETCH OR DILATE NARROWED OR OBSTRUCTED LUMINAL STRUCTURES WITHIN THE BODY. THEY ARE OFTEN EMPLOYED IN GASTROINTESTINAL, UROLOGICAL, OR BILIARY PROCEDURES TO FACILITATE THE PASSAGE OF ENDOSCOPES OR OTHER INSTRUMENTS, OR TO RELIEVE STRICTURES CAUSED BY VARIOUS PATHOLOGICAL CONDITIONS.

TYPES OF BOUGIE DILATORS

- MALONEY BOUGIE: A FLEXIBLE, TAPERED, RUBBER OR PLASTIC DILATOR DESIGNED SPECIFICALLY FOR ESOPHAGEAL DILATION.
- SAVARY-GILLARD DILATORS: A SERIES OF TAPERED, FLEXIBLE DILATORS USED FOR ESOPHAGEAL STRICTURES.
- HURST AND BALLOON DILATORS: SEMI-RIGID OR INFLATABLE DEVICES USED IN VARIOUS LUMINAL STRICTURES.

THE MALONEY BOUGIE DILATOR: DESIGN AND FEATURES

DESIGN CHARACTERISTICS

- MADE OF FLEXIBLE RUBBER OR PLASTIC MATERIAL.
- TAPERED TIP TO FACILITATE GENTLE PASSAGE THROUGH STRICTURES.
- MARKED WITH MEASUREMENT SCALES FOR PRECISE CONTROL.
- USUALLY COATED WITH A LUBRICIOUS MATERIAL TO EASE INSERTION.
- OFTEN USED WITH FLUOROSCOPIC GUIDANCE FOR SAFETY.

OPERATIONAL MECHANISM

THE MALONEY BOUGIE IS INSERTED UNDER DIRECT VISUALIZATION OR FLUOROSCOPY, ALLOWING THE CLINICIAN TO GRADUALLY DILATE THE ESOPHAGEAL LUMEN. ITS FLEXIBILITY HELPS MINIMIZE TRAUMA DURING INSERTION, ESPECIALLY IN CASES WITH TIGHT STRICTURES.

CLINICAL USE OF THE MALONEY BOUGIE DILATOR

PRIMARY INDICATION: ESOPHAGEAL STRICTURES

THE MOST COMMON CLINICAL APPLICATION OF THE MALONEY BOUGIE DILATOR IS IN THE MANAGEMENT OF ESOPHAGEAL STRICTURES. THESE STRICTURES CAN RESULT FROM:

- CHRONIC GASTROESOPHAGEAL REFLUX DISEASE (GERD)
- POST-SURGICAL SCARRING
- CAUSTIC INGESTION
- RADIATION THERAPY
- MALIGNANCIES

PROCEDURE OVERVIEW

1. PATIENT PREPARATION WITH SEDATION.
2. INSERTION OF THE LUBRICATED BOUGIE THROUGH THE MOUTH INTO THE ESOPHAGUS.
3. GRADUAL DILATION BY ADVANCING THE BOUGIE PAST THE STRICTURE.
4. CONFIRMING ADEQUATE LUMEN SIZE, OFTEN WITH ENDOSCOPIC OR FLUOROSCOPIC ASSISTANCE.
5. REPEATING THE PROCEDURE IN SESSIONS IF NECESSARY, TO ACHIEVE SUFFICIENT DILATION.

OTHER USES

- DIAGNOSTIC ESOPHAGEAL DILATIONS.
- FACILITATING PASSAGE OF ENDOSCOPES OR STENTS.
- TREATMENT OF ACHALASIA OR OTHER MOTILITY DISORDERS.

WHY THE MALONEY BOUGIE IS USED IN THE ESOPHAGUS

ADVANTAGES OF THE MALONEY BOUGIE

- FLEXIBILITY REDUCES TRAUMA RISK.
- EASE OF USE IN OUTPATIENT SETTINGS.
- SUITABLE FOR STRICTURES WITH VARYING DEGREES OF TIGHTNESS.
- CAN BE USED WITHOUT FLUOROSCOPY IN SOME CASES, BUT FLUOROSCOPIC GUIDANCE ENHANCES SAFETY.
- COST-EFFECTIVE AND STRAIGHTFORWARD FOR ROUTINE DILATIONS.

LIMITATIONS AND RISKS

- RISK OF PERFORATION IF NOT USED CAREFULLY.
- LESS SUITABLE FOR VERY TIGHT OR COMPLEX STRICTURES REQUIRING MORE CONTROLLED DILATION.
- POTENTIAL FOR PATIENT DISCOMFORT.

COMPARISON WITH OTHER ANATOMICAL STRUCTURES: COMMON BILE DUCT AND URETHRA

USE OF BOUGIE DILATORS IN THE COMMON BILE DUCT

WHILE BOUGIE DILATORS ARE USED IN BILIARY PROCEDURES, THE MALONEY BOUGIE IS NOT TYPICALLY USED IN THE COMMON BILE DUCT. INSTEAD, SPECIALIZED BILIARY DILATORS, BALLOON DILATORS, OR WIRE-GUIDED DEVICES ARE EMPLOYED DURING PROCEDURES LIKE BILIARY SPHINCTEROTOMY OR STONE EXTRACTION.

USE OF BOUGIE DILATORS IN THE URETHRA

IN UROLOGY, URETHRAL STRICTURES CAN SOMETIMES BE DILATED WITH BOUGIES, BUT THESE ARE USUALLY DIFFERENT FROM THE MALONEY BOUGIE, WHICH IS DESIGNED FOR THE ESOPHAGUS. URETHRAL DILATORS ARE OFTEN RIGID AND DESIGNED SPECIFICALLY FOR URETHRAL ANATOMY.

SUMMARY OF ANATOMICAL STRUCTURES AND CORRESPONDING INSTRUMENTS

- ESOPHAGUS: MALONEY BOUGIE DILATOR (PRIMARY USE).
- COMMON BILE DUCT: BILIARY DILATORS, BALLOONS, AND OTHER ENDOSCOPIC TOOLS.
- URETHRA: URETHRAL DILATORS, OFTEN RIGID OR SEMI-RIGID.

CONCLUSION: THE CORRECT ANATOMICAL STRUCTURE FOR THE MALONEY BOUGIE

THE MALONEY BOUGIE DILATOR IS SPECIFICALLY DESIGNED FOR AND MOST COMMONLY USED IN THE ESOPHAGUS. ITS FLEXIBLE, TAPERED DESIGN MAKES IT IDEAL FOR DILATING ESOPHAGEAL STRICTURES, PROVIDING RELIEF FOR CONDITIONS THAT IMPAIR SWALLOWING AND QUALITY OF LIFE. ALTHOUGH SIMILAR DILATORS EXIST FOR BILIARY AND UROLOGICAL APPLICATIONS, THE MALONEY BOUGIE IS NOT TYPICALLY USED IN THE COMMON BILE DUCT OR URETHRA. UNDERSTANDING THE SPECIFIC USES AND LIMITATIONS OF THIS DEVICE ENSURES SAFE AND EFFECTIVE MANAGEMENT OF ESOPHAGEAL CONDITIONS.

REFERENCES AND FURTHER READING

- *GASTROENTEROLOGY AND ENDOSCOPY TEXTBOOKS*
- *GUIDELINES FOR THE MANAGEMENT OF ESOPHAGEAL STRICTURES*
- *ENDOSCOPIC PROCEDURES IN GASTROENTEROLOGY*
- *UROLOGICAL AND BILIARY DILATION TECHNIQUES*

BY MASTERING THE APPROPRIATE APPLICATION OF THE MALONEY BOUGIE DILATOR, CLINICIANS CAN EFFECTIVELY TREAT ESOPHAGEAL STRICTURES, IMPROVING PATIENT OUTCOMES AND QUALITY OF LIFE. PROPER UNDERSTANDING OF THE ANATOMICAL STRUCTURES INVOLVED ENSURES SAFE, TARGETED, AND SUCCESSFUL INTERVENTIONS.

FREQUENTLY ASKED QUESTIONS

IN WHICH ANATOMICAL STRUCTURE IS A MALONEY BOUGIE DILATOR PRIMARILY USED?

A MALONEY BOUGIE DILATOR IS PRIMARILY USED IN THE ESOPHAGUS.

WHAT IS THE MAIN PURPOSE OF A MALONEY BOUGIE DILATOR IN CLINICAL PROCEDURES?

IT IS USED TO DILATE STRICTURES IN THE ESOPHAGUS TO FACILITATE ENDOSCOPIC OR OTHER MEDICAL INTERVENTIONS.

WHICH OF THE FOLLOWING STRUCTURES IS NOT TYPICALLY DILATED WITH A MALONEY BOUGIE: COMMON BILE DUCT, ESOPHAGUS, OR URETHRA?

THE COMMON BILE DUCT AND URETHRA ARE NOT TYPICALLY DILATED WITH A MALONEY BOUGIE; IT IS USED IN THE ESOPHAGUS.

IS A MALONEY BOUGIE DILATOR USED FOR PROCEDURES INVOLVING THE URETHRA?

NO, A MALONEY BOUGIE DILATOR IS NOT USED FOR THE URETHRA; IT IS USED FOR THE ESOPHAGUS.

WHAT DISTINGUISHES A MALONEY BOUGIE FROM OTHER DILATORS USED IN GASTROINTESTINAL PROCEDURES?

IT IS A FLEXIBLE, TAPERED DILATOR DESIGNED SPECIFICALLY FOR ESOPHAGEAL DILATION, OFTEN USED WITHOUT FLUOROSCOPY.

IN WHICH CLINICAL SCENARIO WOULD A DOCTOR USE A MALONEY BOUGIE DILATOR?

IT IS USED IN CASES OF ESOPHAGEAL STRICTURES TO WIDEN THE NARROWED ESOPHAGEAL LUMEN.

CAN A MALONEY BOUGIE DILATOR BE USED IN THE COMMON BILE DUCT?

NO, IT IS NOT USED IN THE COMMON BILE DUCT; OTHER INSTRUMENTS ARE USED FOR BILIARY PROCEDURES.

ADDITIONAL RESOURCES

A MALONEY BOUGIE DILATOR IS USED IN WHICH ANATOMICAL STRUCTURE?

WHEN DISCUSSING THE TOOLS USED IN GASTROINTESTINAL (GI) AND UROLOGICAL PROCEDURES, THE MALONEY BOUGIE DILATOR HOLDS A PROMINENT POSITION DUE TO ITS SPECIALIZED DESIGN AND VERSATILITY. UNDERSTANDING ITS APPLICATION REQUIRES A DETAILED EXPLORATION OF ITS STRUCTURE, PURPOSE, AND THE SPECIFIC ANATOMICAL CONTEXTS IN WHICH IT IS EMPLOYED. THIS REVIEW AIMS TO THOROUGHLY ADDRESS THE QUESTION: A MALONEY BOUGIE DILATOR IS USED IN WHICH ANATOMICAL STRUCTURE? AND PROVIDE COMPREHENSIVE INSIGHTS INTO ITS CLINICAL UTILITY.

INTRODUCTION TO THE MALONEY BOUGIE DILATOR

THE MALONEY BOUGIE DILATOR, ALSO KNOWN AS A FLEXIBLE OR PLIABLE BOUGIE, IS A MEDICAL INSTRUMENT PRIMARILY DESIGNED FOR DILATING CONSTRICTED OR NARROWED SEGMENTS WITHIN THE BODY, ESPECIALLY WITHIN THE GASTROINTESTINAL TRACT. ITS DEVELOPMENT WAS DRIVEN BY THE NEED FOR A FLEXIBLE, ATRAUMATIC DILATOR THAT COULD NAVIGATE COMPLEX AND SENSITIVE ANATOMICAL PATHWAYS WITH MINIMAL DISCOMFORT AND RISK.

KEY FEATURES OF THE MALONEY BOUGIE INCLUDE:

- MADE FROM SOFT, FLEXIBLE MATERIALS SUCH AS RUBBER OR SILICONE.
- TAPERED AT THE TIP TO FACILITATE SMOOTH PASSAGE THROUGH NARROWED AREAS.
- OFTEN MARKED WITH GRADUATED MEASUREMENTS FOR PRECISE DEPTH ESTIMATION.
- LACKS A RIGID GUIDEWIRE, DIFFERENTIATING IT FROM OTHER DILATORS LIKE THE SAVARY-GILLIARD.

THE DESIGN'S FLEXIBILITY AND FLEXIBILITY MAKE IT ESPECIALLY SUITABLE FOR DELICATE STRUCTURES, WHERE RIGID INSTRUMENTS COULD CAUSE TRAUMA.

PRIMARY ANATOMICAL STRUCTURES AND CLINICAL CONTEXTS OF USE

THE APPLICATION OF THE MALONEY BOUGIE IS LARGELY DICTATED BY THE ANATOMICAL STRUCTURE INVOLVED. ITS MOST COMMON AND WELL-ESTABLISHED USE IS WITHIN THE ESOPHAGUS FOR DILATING STRICTURES, BUT IT MAY ALSO HAVE ROLES IN OTHER ANATOMICAL REGIONS UNDER SPECIFIC CIRCUMSTANCES.

1. ESOPHAGUS

THE PRIMARY AND MOST RECOGNIZED APPLICATION OF THE MALONEY BOUGIE DILATOR IS IN THE MANAGEMENT OF ESOPHAGEAL STRICTURES. ESOPHAGEAL STRICTURES CAN ARISE FROM VARIOUS CAUSES, INCLUDING:

- PEPTIC ESOPHAGITIS LEADING TO SCARRING.
- POST-SURGICAL ANASTOMOTIC STRICTURES.
- RADIATION-INDUCED FIBROSIS.
- MALIGNANT TUMORS CAUSING EXTRINSIC OR INTRINSIC NARROWING.
- INFLAMMATORY CONDITIONS LIKE EOSINOPHILIC ESOPHAGITIS.

USE IN ESOPHAGEAL DILATION:

- THE PROCEDURE, TERMED ESOPHAGEAL BOUGIENAGE, INVOLVES PASSING THE DILATOR THROUGH THE MOUTH OR NOSE, DOWN THE ESOPHAGUS, TO STRETCH OR DILATE NARROWED SEGMENTS.
- THE MALONEY BOUGIE IS INSERTED CAREFULLY TO AVOID PERFORATION, WITH GRADUAL DILATION ACHIEVED BY PASSING PROGRESSIVELY LARGER SIZES.
- IT IS USED BOTH DIAGNOSTICALLY (TO ASSESS THE DEGREE OF NARROWING) AND THERAPEUTICALLY (TO RELIEVE DYSPHAGIA).

PROCEDURE OVERVIEW:

- THE PATIENT IS TYPICALLY SEDATED OR UNDER LOCAL ANESTHESIA.
- THE PHYSICIAN GENTLY INSERTS THE BOUGIE, GUIDED BY TACTILE FEEDBACK AND PATIENT RESPONSE.
- THE GRADUATED MARKINGS HELP DETERMINE THE EXTENT OF DILATION.
- MULTIPLE PASSES MAY BE PERFORMED WITH DIFFERENT SIZES TO ACHIEVE ADEQUATE LUMEN DIAMETER.

ADVANTAGES:

- FLEXIBILITY REDUCES TRAUMA RISK.
- NO NEED FOR FLUOROSCOPY IN MANY CASES.
- COST-EFFECTIVE AND SIMPLE TO PERFORM.

LIMITATIONS:

- LESS CONTROL COMPARED TO WIRE-GUIDED DILATORS.
- HIGHER RISK OF PERFORATION IF NOT PERFORMED CAREFULLY.
- NOT SUITABLE FOR VERY TIGHT OR COMPLEX STRICTURES WHERE RIGID DILATORS MAY BE PREFERRED.

HISTORICAL SIGNIFICANCE:

- THE MALONEY BOUGIE HAS BEEN A LONGSTANDING TOOL, ESPECIALLY IN SETTINGS WHERE FLUOROSCOPY OR ADVANCED ENDOSCOPY IS UNAVAILABLE.

2. URETHRA

WHILE THE MALONEY BOUGIE IS PRIMARILY ASSOCIATED WITH THE ESOPHAGUS, IN UROLOGY, SIMILAR BOUGIES ARE USED FOR URETHRAL DILATION. HOWEVER, THE CLASSIC MALONEY BOUGIE IS NOT THE STANDARD DILATOR USED IN URETHRAL PROCEDURES. INSTEAD, SPECIALIZED URETHRAL SOUNDS OR FILIFORMS ARE EMPLOYED.

IN URETHRAL DILATION:

- RIGID OR SEMI-RIGID DILATORS LIKE THE VAN BUREN OR HEGAR DILATORS ARE MORE COMMON.
- FLEXIBLE BOUGIES MAY BE USED IN CERTAIN CASES OF URETHRAL STRICTURE MANAGEMENT, BUT THESE ARE TYPICALLY DIFFERENT FROM THE MALONEY TYPE.

CONCLUSION:

- THE MALONEY BOUGIE IS GENERALLY NOT USED IN URETHRAL PROCEDURES; ITS DESIGN AND FLEXIBILITY SUIT THE ESOPHAGUS BETTER.

3. COMMON BILE DUCT

THE COMMON BILE DUCT (CBD) IS PART OF THE BILIARY SYSTEM, AND ITS DILATION OR MANAGEMENT INVOLVES DIFFERENT INSTRUMENTS.

IN BILIARY PROCEDURES:

- RIGID OR SEMI-RIGID CATHETERS AND BALLOON DILATORS ARE PREFERRED.
- BOUGIES DESIGNED SPECIFICALLY FOR BILIARY USE ARE TYPICALLY STRAIGHT OR TAPERED AND HAVE DIFFERENT PROPERTIES.

PRACTICAL USE OF BOUGIES IN CBD:

- OCCASIONALLY, IN ERCP (ENDOSCOPIC RETROGRADE CHOLANGIOPANCREATOGRAPHY), DILATORS ARE USED TO WIDEN STRICTURES.
- THESE ARE OFTEN WIRE-GUIDED AND MORE RIGID THAN THE MALONEY BOUGIE.
- THE MALONEY IS NOT COMMONLY EMPLOYED IN BILIARY INTERVENTIONS.

SUMMARY:

- THE MALONEY BOUGIE IS NOT GENERALLY USED FOR THE COMMON BILE DUCT.

DEEP DIVE INTO THE USE IN ESOPHAGEAL DILATION

GIVEN THE PROMINENCE OF THE MALONEY BOUGIE IN ESOPHAGEAL PROCEDURES, A COMPREHENSIVE DISCUSSION IS WARRANTED.

INDICATIONS FOR ESOPHAGEAL BOUGIENAGE

- BENIGN ESOPHAGEAL STRICTURES CAUSING DYSPHAGIA.
- POSTOPERATIVE OR POST-RADIATION STRICTURES.
- MANAGEMENT OF CONGENITAL ESOPHAGEAL STENOSIS.
- PALLIATIVE DILATION IN ESOPHAGEAL CARCINOMA (THOUGH MORE OFTEN WITH OTHER TOOLS).

PROCEDURE TECHNIQUE AND CONSIDERATIONS

- PREPARATION: PATIENT ASSESSMENT, SEDATION, AND LOCAL ANESTHESIA.
- INSERTION: THE BOUGIE IS INSERTED THROUGH THE MOUTH OR NOSE.
- GUIDANCE: TACTILE FEEDBACK GUIDES PASSAGE; FLUOROSCOPY CAN BE USED BUT IS OFTEN OPTIONAL.
- DILATION: MULTIPLE SIZES OF BOUGIES MAY BE USED SEQUENTIALLY.
- MONITORING: WATCH FOR SIGNS OF PERFORATION, BLEEDING, OR PATIENT DISCOMFORT.

ADVANTAGES AND DISADVANTAGES

ADVANTAGES	DISADVANTAGES
SIMPLE AND INEXPENSIVE	PERFORATION RISK IF NOT PERFORMED CAREFULLY
NO NEED FOR FLUOROSCOPY	LESS CONTROL COMPARED TO WIRE-GUIDED SYSTEMS
FLEXIBILITY REDUCES TRAUMA	LIMITED PRECISION IN COMPLEX STRICTURES

SAFETY AND COMPLICATIONS

- PERFORATION IS THE MOST SERIOUS COMPLICATION.
- BLEEDING AND MUCOSAL TEARS CAN OCCUR.
- PROPER PATIENT SELECTION AND OPERATOR EXPERIENCE ARE VITAL.
- POST-PROCEDURE MONITORING IS ESSENTIAL.

COMPARISON WITH OTHER DILATORS

WHILE THE MALONEY BOUGIE IS EFFECTIVE, IT IS PART OF A BROADER SPECTRUM OF DILATION TOOLS, INCLUDING:

- SAVARY-GILLIARD DILATORS: RIGID, WIRE-GUIDED, ALLOW FOR MORE CONTROLLED DILATION.
- BALLOON DILATORS: OFFER CONTROLLED, UNIFORM EXPANSION WITH LESS TRAUMA.
- RIGID DILATORS: USED IN CERTAIN STRICTURES BUT CARRY HIGHER PERFORATION RISK.

THE CHOICE DEPENDS ON THE CLINICAL SCENARIO, STRICTURE CHARACTERISTICS, AND OPERATOR PREFERENCE.

SUMMARY AND CONCLUSION

IN CONCLUSION, THE MALONEY BOUGIE DILATOR IS PREDOMINANTLY USED IN THE ESOPHAGUS—SPECIFICALLY FOR DILATING

ESOPHAGEAL STRICTURES. ITS FLEXIBLE, ATRAUMATIC DESIGN MAKES IT WELL-SUITED FOR NAVIGATING THE DELICATE ESOPHAGEAL MUCOSA AND STRETCHING NARROWED SEGMENTS. ITS APPLICATION IN THE ESOPHAGUS HAS BEEN LONGSTANDING, OFFERING A SIMPLE, COST-EFFECTIVE METHOD FOR RELIEVING DYSPHAGIA DUE TO BENIGN STRICTURES.

KEY POINTS:

- THE ANATOMICAL STRUCTURE MOST ASSOCIATED WITH THE MALONEY BOUGIE IS THE ESOPHAGUS.
- IT IS NOT TYPICALLY USED FOR THE COMMON BILE DUCT OR URETHRA.
- ITS MAIN ROLE IS IN ESOPHAGEAL DILATION, WITH THE PROCEDURE BEING STRAIGHTFORWARD BUT REQUIRING CAREFUL TECHNIQUE TO MINIMIZE COMPLICATIONS.
- ITS DESIGN DIFFERS FROM OTHER DILATORS BY ITS FLEXIBILITY AND LACK OF A GUIDEWIRE, EMPHASIZING GENTLE, ATRAUMATIC DILATION.

FINAL THOUGHT: WHEN CONSIDERING THE APPLICATION OF THE MALONEY BOUGIE DILATOR, CLINICIANS SHOULD RECOGNIZE ITS PRIMARY ROLE IN ESOPHAGEAL STRICTURES AND UNDERSTAND THE PROCEDURAL NUANCES TO OPTIMIZE PATIENT OUTCOMES AND MINIMIZE RISKS.

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THIS DETAILED REVIEW UNDERSCORES THAT THE A MALONEY BOUGIE DILATOR IS USED IN THE ESOPHAGUS, PRIMARILY FOR DILATING STRICTURES TO RELIEVE DYSPHAGIA.

A Maloney Bougie Dilator Is Used In Which Anatomical Structure A Common Bile Duct B Esophagus C Urethra

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