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**Manuscript Type:** ORIGINAL ARTICLE

*Observational Study*

**Application research of endoscopic submucosal dissection on duodenal space-occupying lesions**

Li XY *et al.* Endoscopic submucosal dissection on duodenal lesions

Xiao-Yu Li, Kai-Yue Ji, Yu-Hu Qu, Juan-Juan Zheng, Ying-Jie Guo, Cui-Ping Zhang, Kun-Peng Zhang

## 8 Abstract

### BACKGROUND

Endoscopic submucosal dissection (ESD) has been trusted by digestive endoscopists because of its therapeutic effect that is comparable to surgery, reduced trauma, faster

## Match Overview

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### [Duodenal endoscopic submucosal dissection for a large ...](#)

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC6831912>

Jul 18, 2019 · Recently, endoscopic submucosal dissection (ESD) has been applied to the treatment of GI lesions to enable en bloc curative resection.1, 2 Generally, large tumor size, protruded lesion, poor endoscope maneuverability, and other procedural factors may contribute to the technical difficulties of ESD and periprocedural perforation.3, 4 Among ESD procedures for GI lesions, duodenal ESD is the ...

Author: Tomoaki Tashima, Kouichi Nonaka, S... Publish Year: 2019

### [Selection of appropriate endoscopic therapies for duodenal ...](#)

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC4093713>

Jul 14, 2014 · Endoscopic submucosal dissection (ESD) is widely recognized as a useful treatment procedure for early gastric cancer[1,2]. In recent years, the indications for ESD have been expanded to include esophageal and colorectal cancer[3-5]. There have also been some reports of the application of ESD for duodenal tumors[6-9]. However, the technical difficulty of this procedure for lesions ...

Cited by: 20 Author: Satohiro Matsumoto, Yukio Yoshida

Publish Year: 2014

### [Endoscopic submucosal dissection for premalignant lesions ...](#)

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC3072634>

Apr 07, 2011 · Endoscopic submucosal dissection for premalignant lesions and noninvasive early gastrointestinal cancers. ... The research protocol was approved by the local ethics committee. Both oral and written informed consents were obtained from the patients. This study was conducted in accordance with the ethical principles of the Declaration of Helsinki ...

Cited by: 14 Author: Sadettin Hulagu, Omer Senturk, Cem Ay...

Publish Year: 2011

### [Endoscopic submucosal dissection for superficial duodenal ...](#)

<https://www.researchgate.net/publication/40448523...>

For those reasons, endoscopic submucosal dissection (ESD), developed in Japan as a method of endoscopic excision of superficial tumours limited to the mucosa, has little application in the ...

### [Management of perforation related to endoscopic ...](#)





## Duodenal endoscopic submucosal dissection for a large ...

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Recently, **endoscopic submucosal dissection** (ESD) has been applied to the treatment of GI **lesions** to enable en bloc curative resection.1, 2 Generally, large tumor size, protruded **lesion**, poor endoscope maneuverability, and other procedural factors may contribute to the technical difficulties of ESD and periprocedural perforation.3, 4 Among ESD procedures for GI **lesions**, **duodenal** ESD is the most ...

**Author:** Tomoaki Tashima, Kouichi Nonaka, Sho... **Publish Year:** 2019

## Selection of appropriate endoscopic therapies for duodenal ...

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC4093713>

Jul 14, 2014 · **Endoscopic treatment of duodenal lesions** is associated with a high incidence of complications, such as **bleeding and perforation**, because of poor operability using a **scope and the thin duodenal wall**.

**Cited by:** 21 **Author:** Satoshihiro Matsumoto, Yukio Yoshida  
**Publish Year:** 2014

## Endoscopic submucosal dissection of papillary ...

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC6314761>

1. Introduction. **Endoscopic submucosal dissection** (ESD) is a primary treatment of early gastric cancer (EGC) for the **lesions** satisfying specific indications implying negligible risk of lymph node metastasis (LNM). [] This enables an en bloc resection and organ preservation, thereby avoiding invasive surgery.

**Cited by:** 1 **Author:** Chang Seok Bang, Jae Ho Choi, Jae Jun Le...  
**Publish Year:** 2018

## Management of perforation related to endoscopic submucosal ...

<https://www.sciencedirect.com/science/article/pii/S0016510719322916>

May 01, 2020 · The prevalence of superficial **duodenal** epithelial tumors (SDETs) is not as high as that of other organs of the digestive tract. 1, 2 However, the opportunity to detect SDETs has increased with recent advances in **endoscopic** technology. 3 **Endoscopic** resection is applied for SDETs as well as **lesions** in the esophagus, **stomach**, and colon 4 as an alternative to invasive surgical procedures such ...

**Cited by:** 3 **Author:** Seiichiro Fukuhara, Motohiko Kato, Eisuke I...  
**Publish Year:** 2020

## Quality in upper gastrointestinal endoscopic submucosal ...

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC6064797>

**Endoscopic submucosal dissection** (ESD) has been developed in Japan with the aim of removing such **lesions** in one piece, in order to obtain a curative resection and to minimize the risk of local recurrence, and to preserve the native organ.

**Author:** Flaminia Purchiaroni, Guido Costamagn... **Publish Year:** 2018

## Resection of Mucosal and Submucosal Gastrointestinal ...

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC6408942>

On the other hand, **endoscopic submucosal dissection** (ESD) was performed in order to perform complete resection for larger than 2 cm and **submucosal** localized **lesions**. ESD procedures, **submucosal** injection materials with longer duration of absorption were used, and some procedures were performed using a double endoscope.

## Endoscopic Management of Large Duodenal Adenomas ...

<https://practicalgastro.com/2017/02/28/endoscopic...> ▾

Feb 28, 2017 · Ichikawa et al. reported the safety and feasibility of laparoscopic and **endoscopic** cooperative surgery (LECS) for early non-ampullary **duodenal tumors** in 12 patients. 9 In this study, 13 early **duodenal lesions** (10 adenocarcinomas, 2 neuroendocrine tumors, and 1 adenoma) in 12 patients were managed by LECS. All **submucosal tumors** were successfully ...

## Endoscopic submucosal dissection: European Society of ...

<https://www.esge.com/endoscopic-submucosal-dissection> ▾

**Endoscopic** mucosal resection (EMR) may be considered in such **lesions** when they are smaller than 10mm if en bloc resection can be assured. However, ESGE recommends **endoscopic submucosal dissection** (ESD) as the first option, mainly to provide an en bloc resection with accurate pathology staging and to avoid missing important histological features ...

## Endoscopic submucosal dissection for duodenal tumors ...

<atm.amegroups.com/article/view/14351/html> ▾

Abstract: Recently, **endoscopic submucosal dissection** (ESD) for the **duodenal tumors** has come to be treated in many institutions, but has also showed many problems of feasibility and safety compared with **endoscopic mucosal resection** (EMR). Although **duodenal ESD** is expected to be more effective for the prevention of postoperative local recurrence, high incidence rate of **duodenal perforation** and ...

## (PDF) Efficacy and Safety of a Novel Submucosal Injection ...

<https://www.researchgate.net/publication/340843092...>

**Endoscopic** mucosal resection (EMR) and **endoscopic submucosal dissection** (ESD) are minimally invasive and efficient techniques for the removal of gastrointestinal (GI) mucosal polyps.







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## Duodenal endoscopic submucosal dissection for a large ...

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC6831912>

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**Cited by:** 21**Author:** Satoshihiro Matsumoto, Yukio Yoshida**Publish Year:** 2014

## Endoscopic full-thickness resection of duodenal lesions—a ...

<https://journals.sagepub.com/doi/full/10.1177/2050640618773517>

May 12, 2018 · **Endoscopic submucosal dissection** (ESD) is not recommended for resection of **duodenal lesions** since the perforation rate may be as high as 35%.<sup>6,14,15</sup> EFTR of **duodenal lesions** may be an alternative to the techniques mentioned above.

**Cited by:** 16**Author:** Markus Bauder, Arthur Schmidt, Karel Caca**Publish Year:** 2018

### PEOPLE ALSO ASK

What are the different types of endoscopic resection? ▼

Should duodenal adenomas be excised? ▼

Endoscopic submucosal dissection? ▼