

Online Supplementary Appendix: Endoscopy News

Risk of Transmission of COVID-19 Infection in Gastrointestinal Endoscopy

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SUPPLEMENTARY TABLES

Table S1. Patient questionnaire

Endoscopy data			
Date of endoscopy			day/month/year
Type of procedure			see text
Indication for procedure			Free text
Patient data			
Date of follow-up call			
Patient age			year
Patient sex			male/female
Comorbidities			Free text
Development of symptoms			
	Fever	YES/NO	If yes, temperature If yes since when*
	Cough	YES/NO	If yes since when
	Dyspnea	YES/NO	If yes since when
	Sore throat	YES/NO	If yes since when
	GI symptoms	YES/NO	If yes since when If yes, which **
	Hospital admission	YES/NO	If yes since when If yes, reason **
COVID testing			
	Done?	YES/NO	If yes since when
	If yes result	POSITIVE/NEGATIVE	Date of test

* starting date and if applicable duration

** free text entry

Table S2: Overview on endoscopies performed during the COVID-19 outbreak in one large referral hospital with follow-up information (n=802; 94.2% of all cases)

<i>Type of procedures</i>	<i>Number of patients</i>	<i>of those, therapeutic/emergency</i>	<i>COVID-positive</i>	<i>Respiratory symptoms</i>
Upper GI endoscopy	207	30/16	1	x
Lower GI endoscopy	509	38/2	0	x
ERCP	67	66/1	0	x
EUS	68	10*/0	0	x

* 6 HotAxios for periluminal collections, 3 EUS-guided biliary drainage, 1 G-J anastomosis.

The total number of patients endoscoped was n=851 (all scoped only once, mean age 56.7 year (range 22-84); 547 were male. We excluded one patient known as COVID positive from this list, who was admitted in the hospital for bleeding varices and treated with band ligation. 802 patients could be reached for the follow-up interview (see text).

Table S3: Questionnaire to endoscopy units shown in Figure S2

Question	Reply
Number of annual procedures	> or < 5000
No. of HCW in unit	N
Characterization of HCW	Physician/Nurse/Healthcare assistant
No. of infected HCW (pos. test)	N
Characterization of infected HCW	Physician/Nurse/Healthcare assistant
Of those, hospital admission	N
Of those, discharge	N
Introduction of PPE after March 8	Yes/No
Case volume reduction after March 8	Yes/No

This questionnaire is a part of a larger web survey about COVID-19 practices in Northern Italy (Repici et al. Burden on Endoscopy Units by COVID-19 Outbreak; submitted) and was expanded for this analysis.

SUPPLEMENTARY FIGURES**Figure S1: Distribution of COVID-19 in endoscopy units**

Figure S1 shows the geographical distribution of GI endoscopy units reporting COVID-19 infections and the number of infected individuals among their staff in Northern Italy.

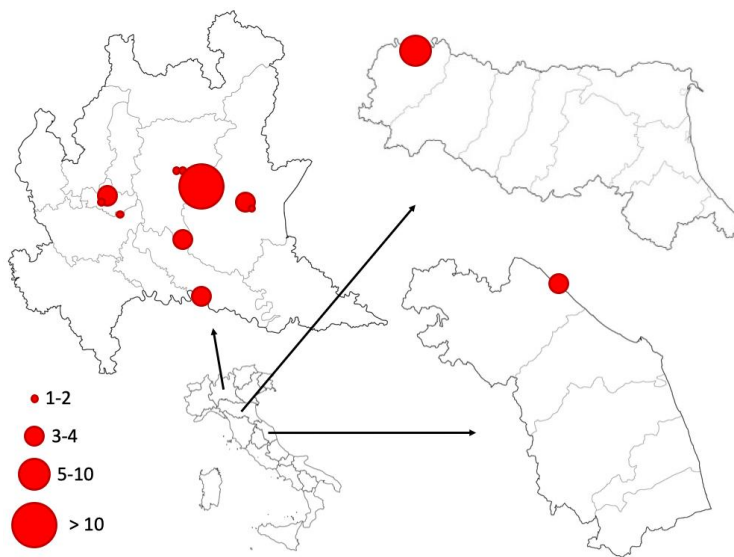


Figure S2: Time course of endoscopic case load in a tertiary referral endoscopy unit

Figure S2 shows the course of endoscopy examinations performed during the study period. After the 3rd week of February, it was decided to decrease the case load and focus on emergency and essential endoscopies to reduce the risk of COVID-19.

