

# Esophageal manometry

Patient name: L-U1\*\*\*\*3683  
 性別: 男  
 生日:   
 患者號碼: -  
 Height: -  
 Weight: -

檢查日期: 2019/07/25  
 檢查號碼: 01  
 醫院名稱: 花蓮慈濟醫院  
 檢查者: -  
 審閱者: -

## Average of 10: Wet swallow 5 ml

### Chicago classification<sup>3</sup> \*

Absent contractility

\* The normal values and analysis are according to the Chicago Classification<sup>3</sup> as published in Neurogastroenterology & Motility, 2015, Vol. 27, Issue 2, p160-174. The classification is valid for adults and based on series of 10 swallows of 5 ml water each, swallowed in a supine posture. The Chicago Classification is only applicable for primary esophageal motility disorders. The actual diagnosis remains under all circumstances the responsibility of the clinician/physician.

### Esophagus

DCI 0 mmHg.s.cm  
 CFV 2.6 cm/s  
 Peristaltic breaks 16.1 cm  
 Largest break 15.9 cm  
 Distal Latency 6.1 s

### UES

Upper border 17.4 cm  
 IRP 0.2 s 2.6 mmHg  
 IRP 0.8 s 11.5 mmHg

### LES

Upper border 41.5 cm  
 IRP 4 s 2.6 mmHg  
 Intraabdominal length 2.0 cm

### Scoring parameter percentages<sup>3</sup>

Scoring	Intrabolus pressure pattern
Normal 0 %	Normal 0 %
Ineffective 100 %	EGJ 0 %
Failed contraction 100 %	Compartmentalized 0 %
Premature 0 %	Panesophageal 0 %
Hyper 0 %	Unknown pressurization 100 %
Fragmented 0 %	

### Average esophagus results

Wet swallow 5 ml	DCI mmHg.s.cm	CFV cm/s	Peristaltic breaks cm	Distal Latency s
1	0	2.6	16.0	10.0
2	0	2.6	16.0	4.3
3	0	2.6	16.7	7.2
4	0	2.6	15.6	3.0
5	0	2.6	15.6	6.9
6	0	2.6	13.1	7.5
7	0	2.6	17.3	7.0
8	0	2.6	16.3	4.6
9	0	2.6	15.5	7.3
10	0	2.6	18.7	3.0
Average	0	2.6	16.1	6.1

患者號碼:

### Average UES results

Wet swallow 5 ml	Upper border	IRP 0.2 s	IRP 0.8 s
	cm	mmHg	mmHg
1	17.4	2.2	9.9
2	17.4	1.1	14.8
3	17.4	4.2	15.3
4	17.4	0.9	9.4
5	17.4	3.1	13.0
6	17.4	3.9	13.6
7	17.4	6.3	12.4
8	17.4	3.7	9.4
9	17.4	1.2	9.5
10	17.4	-0.3	7.8
Average	17.4	2.6	11.5

#### Average LES results

Wet swallow 5 ml	Upper border	IRP 4 s	Intraabdominal length
	cm	mmHg	cm
1	41.5	2.6	2.0
2	41.5	2.9	2.0
3	41.5	2.7	2.0
4	41.5	5.8	2.0
5	41.5	1.5	2.0
6	41.5	1.7	2.0
7	41.5	2.1	2.0
8	41.5	2.6	2.0
9	41.5	1.3	2.0
10	41.5	3.4	2.0
Average	41.5	2.6	2.0

#### Average of 5: Leg

#### Chicago classification<sup>3</sup> \*

Absent contractility

\* The normal values and analysis are according to the Chicago Classification<sup>3</sup> as published in Neurogastroenterology & Motility, 2015, Vol. 27, Issue 2, p160-174. The classification is valid for adults and based on series of 10 swallows of 5 ml water each, swallowed in a supine posture. The Chicago Classification is only applicable for primary esophageal motility disorders. The actual diagnosis remains under all circumstances the responsibility of the clinician/physician.

#### Esophagus

DCI	15 mmHg.s.cm
CFV	2.6 cm/s
Peristaltic breaks	11.5 cm
Largest break	11.2 cm
Distal Latency	6.3 s

#### UES

Upper border	17.4 cm
IRP 0.2 s	6.6 mmHg
IRP 0.8 s	20.0 mmHg

#### LES

Upper border	41.5 cm
IRP 4 s	-0.2 mmHg
Intraabdominal length	2.0 cm

患者號碼:

#### Scoring parameter percentages<sup>3</sup>

Scoring	Intrabolus pressure pattern
Normal	0 % Normal 0 %
Ineffective	100 % EGJ 0 %

Failed contraction	100 %	Compartmentalized	0 %
Premature	0 %	Pan-esophageal	0 %
Hyper	0 %	Unknown pressurization	100 %
Fragmented	0 %		

#### Average esophagus results

Leg	DCI mmHg.s.cm	CFV cm/s	Peristaltic breaks cm	Distal Latency s
1	0	2.6	15.1	7.2
2	5	2.6	2.5	3.5
3	71	2.6	4.3	7.1
4	0	2.6	17.5	6.8
5	0	2.6	18.1	6.9
Average	15	2.6	11.5	6.3

#### Average UES results

Leg	Upper border cm	IRP 0.2 s mmHg	IRP 0.8 s mmHg
1	17.4	3.6	16.3
2	17.4	14.3	31.0
3	17.4	8.3	20.4
4	17.4	3.8	18.1
5	17.4	2.9	14.4
Average	17.4	6.6	20.0

#### Average LES results

Leg	Upper border cm	IRP 4 s mmHg	Intraabdominal length cm
1	41.5	-0.6	2.0
2	41.5	0.8	2.0
3	41.5	-0.2	2.0
4	41.5	-0.4	2.0
5	41.5	-0.4	2.0
Average	41.5	-0.2	2.0

患者號碼:

#### Average of 5: MRS

#### Chicago classification<sup>3</sup> \*

Absent contractility

\* The normal values and analysis are according to the Chicago Classification<sup>3</sup> as published in Neurogastroenterology & Motility, 2015, Vol. 27, Issue 2, p160-174. The classification is valid for adults and based on series of 10 swallows of 5 ml water each, swallowed in a supine posture. The Chicago Classification is only applicable for primary esophageal motility disorders. The actual diagnosis remains under all circumstances the responsibility of the clinician/physician.

#### Esophagus

DCI	0 mmHg.s.cm
CFV	2.6 cm/s
Peristaltic breaks	15.2 cm
Largest break	15.1 cm
Distal Latency	7.6 s

#### UES

Upper border	17.4 cm
IRP 0.2 s	2.9 mmHg
IRP 0.8 s	9.0 mmHg

#### LES

Upper border	41.5 cm
IRP 4 s	1.0 mmHg
Intraabdominal length	2.0 cm

Scoring parameter percentages<sup>3</sup>

Scoring		Intrabolus pressure pattern	
Normal	0 %	Normal	0 %
Ineffective	100 %	EGJ	0 %
Failed contraction	100 %	Compartmentalized	0 %
Premature	0 %	Panesophageal	0 %
Hyper	0 %	Unknown pressurization	100 %
Fragmented	0 %		

Average esophagus results

MRS	DCI mmHg.s.cm	CFV cm/s	Peristaltic breaks cm	Distal Latency s
1	0	2.6	15.9	9.2
2	0	2.6	16.6	5.6
3	0	2.6	15.6	8.5
4	0	2.6	13.4	8.4
5	0	2.6	14.5	6.3
Average	0	2.6	15.2	7.6

Average UES results

MRS	Upper border cm	IRP 0.2 s mmHg	IRP 0.8 s mmHg
1	17.4	6.0	12.8
2	17.4	4.9	11.9
3	17.4	3.5	9.1
4	17.4	1.4	5.8
5	17.4	-1.3	5.3
Average	17.4	2.9	9.0

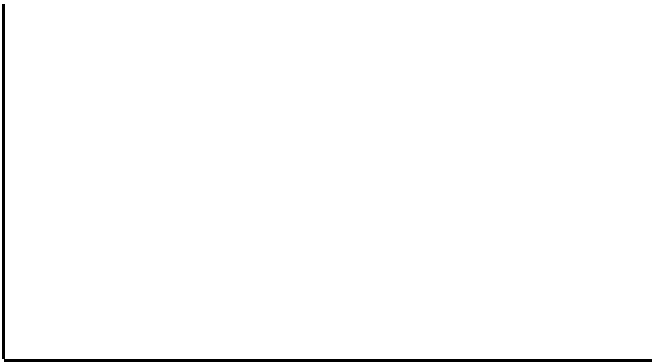
患者號碼:

Average LES results

MRS	Upper border cm	IRP 4 s mmHg	Intraabdominal length cm
1	41.5	0.3	2.0
2	41.5	0.8	2.0
3	41.5	0.8	2.0
4	41.5	1.7	2.0
5	41.5	1.4	2.0
Average	41.5	1.0	2.0

Resting pressure #1

Scoring	
Hiatal hernia	否
UES resting pressure	Normal
LES resting pressure	Normal

**UES**

Upper border	17.4 cm
Resting pressure (mean)	38.8 mmHg
Resting pressure (minimal)	-0.7 mmHg

**LES**

Upper border	41.5 cm
Resting pressure (mean)	18.4 mmHg
Resting pressure (minimal)	0.4 mmHg
EGJ-CI	20 mmHg.cm

---

**Attending physician**

---

**検査者****Disclaimer<sup>3</sup>:**

The normal values and analysis are according to the Chicago Classification<sup>3</sup> as published in Neurogastroenterology & Motility, 2015, Vol. 27, Issue 2, p160-174. The classification is valid for adults and based on series of 10 swallows of 5 ml water each, swallowed in a supine posture. The Chicago Classification is only applicable for primary esophageal motility disorders. The actual diagnosis remains under all circumstances the responsibility of the clinician/physician.

The analysis is based on:  
IRP Normal upper limit

19.0 mmHg

MMS Water-perfused