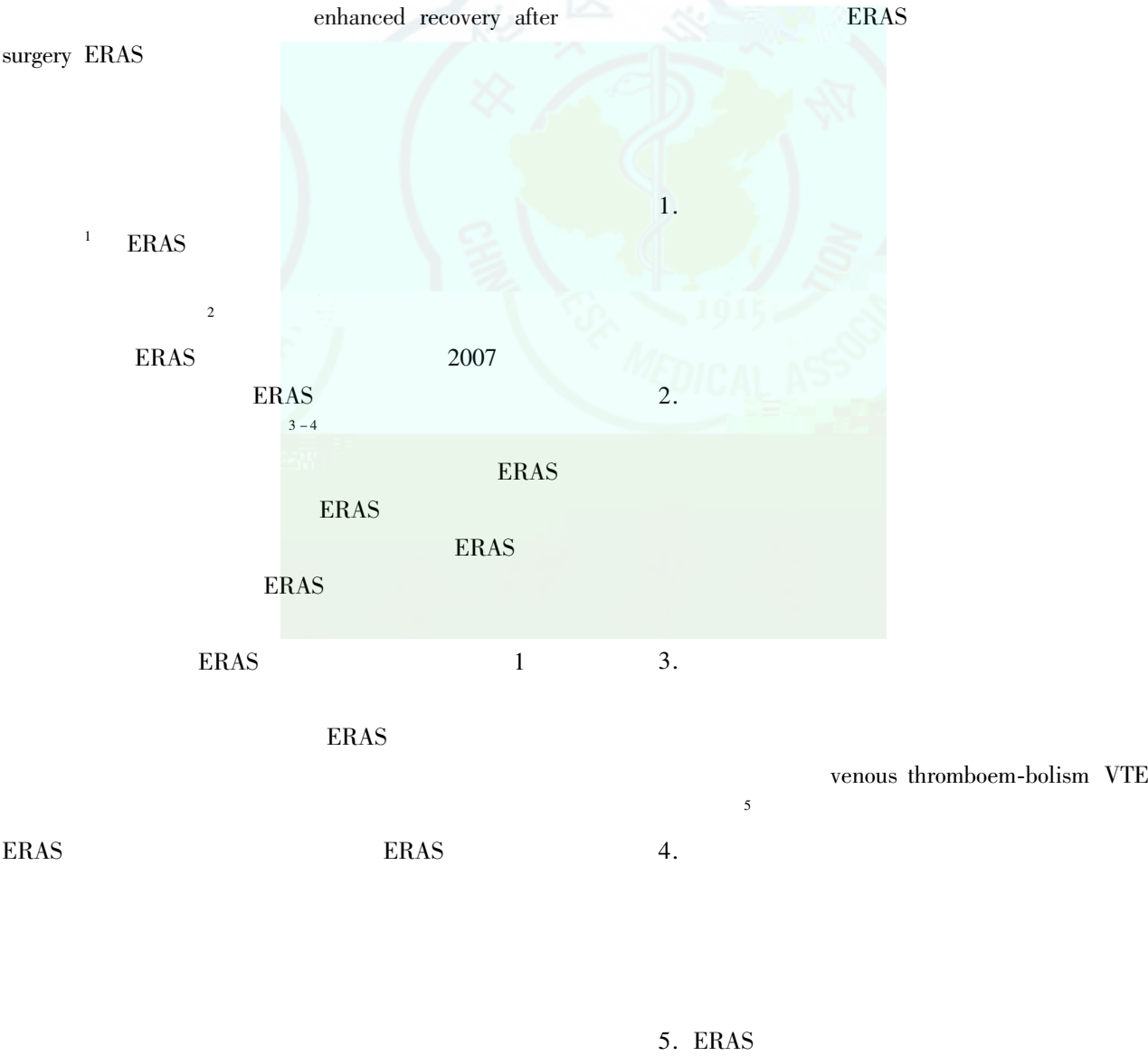


ERAS

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ERAS									
ERAS									
ERAS									
-									
-									
KPS QOL SF-12									
NRS 2002 SGA									
HAD MMSE MoCA									
VTE Caprini Autar DVT VTE Caprini									
≥3 Autar DVT									
≥11									
PONV PONV Apfel PONV									
PONV 5-HT ₃									
VAS >4									
AEDs									
6 h									
400 ml									
2 h									
KPS Karnofsky QOL SF-12 NRS 2002 2002 SGA									
HAD MMSE MoCA VAS VTE									
DVT PONV AEDs “-”									
antiepileptic drugs AEDs									
7									
2002 nutritional risk									
6									
screening 2002 NRS 2002									
subjective global assessment SGA VTE									
Caprini									
Autar									
> 16.6 mmol/L									
deep vein thrombosis DVT									
Caprini									
VTE									
VTE									
DVT									
60%									
30%									
1%									
ERAS									
VTE									
9									

Karnofsky

12-item short form health survey SF-12

hospital anxiety and depressive scale HAD

mini-mental state examination MMSE

Montreal cognitive assessment MoCA

vomiting PONV

PONV

PONV

PONV

PONV

PONV

Apfel
visual analogue scale VAS

Apfel 4

PONV

0 ~ 1

2

3 ~ 4

PONV

PONV

PONV

N₂O

6 h

PONV

PONV

Braden

ERAS

2

6 h

2 h

2 h

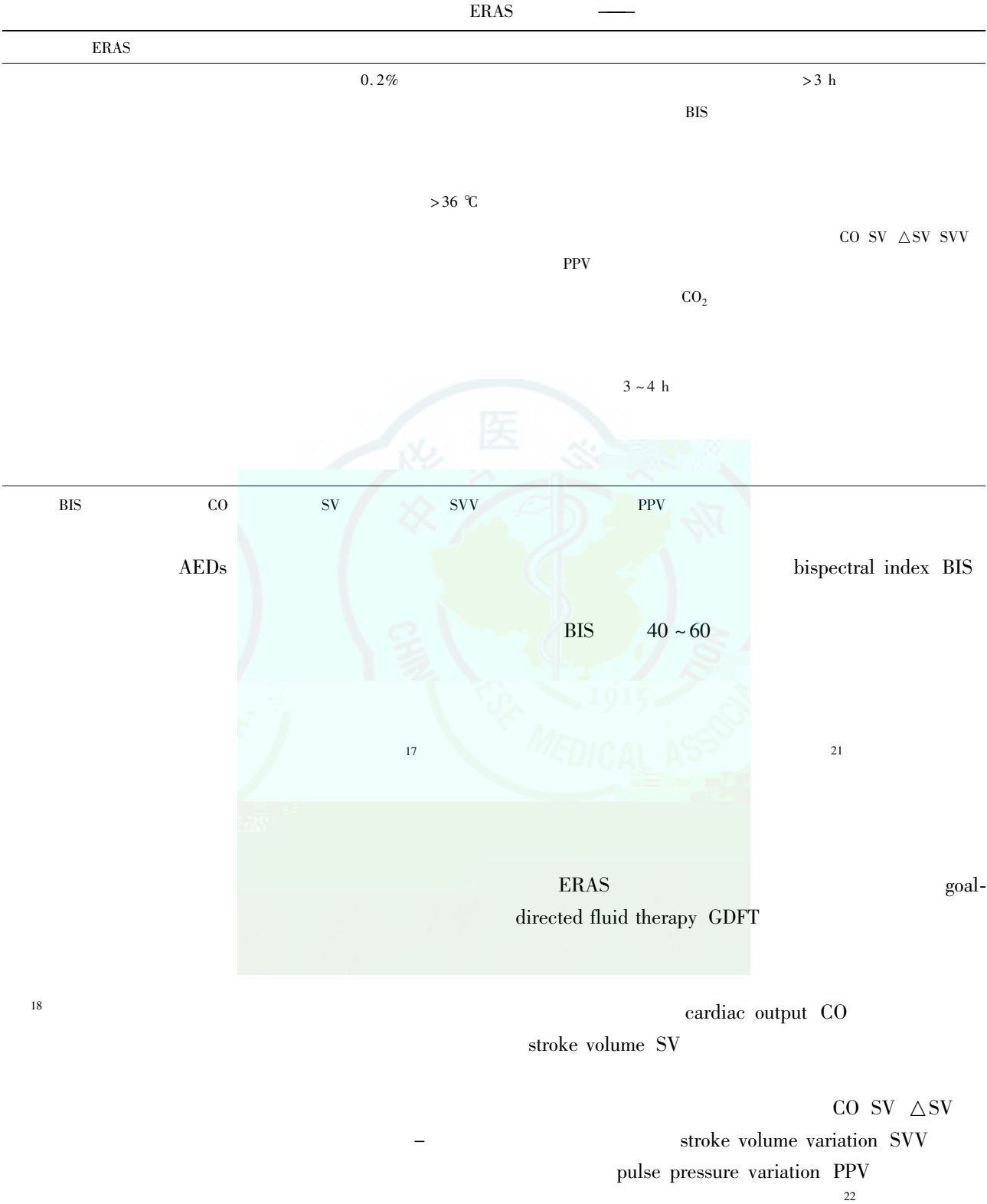
≤400 ml 12.5%

15

≥65

H₂

16



> 36 °C

$$>$$

36 °C

21 °C ²⁵

1 ~ 3 d

PONV

 α

23

6 ~

8 ml/kg

12 ~ 15 /min

positive end-expiratory pressure PEEP

2 h

3 ~

$$5 \text{ cmH}_2\text{O} - 1 \text{ cmH}_2\text{O} = 0.098 \text{ kPa}$$

4 h

26

$$\text{FeO}_2 < 60\%$$

PEEP

24

ERAS

ERAS

1

$$\text{CO}_2$$

27

ERAS

ERAS

ERAS 3

ERAS

ERAS 1

2 000 ml 2

1 000 ml

3

ERAS

ERAS

6 h

NSAIDs

6 h

48 h

H₂

PONV

PONV

PONV

PONV

PONV

1 1 000 ~ 2 000 ml 2 0 ~ 1 000 ml

VTE

VTE

* Û ÑbQ •

6 h

60%

24 h

“ ”

6

4.4 ~ 6.2 mmol/L

< 10 mmol/L ²⁹

CT

MRI

AEDs

6 h PONT

36

1.

2.

1

2

6 h

24 h

3

application to healthy patients undergoing elective procedures an updated report by the American Society of Anesthesiologists task force on preoperative fasting and the use of pharmacologic agents to reduce the risk of pulmonary aspiration J . Anesthesiology 2017 126 3