

2018

1. 2017 [1]

1

2

3

2. 2015

2.1 [2] 2017 10 [3]

1 HBV HBV

HBsAg -HBc HBeAg HBV DNA (CT)

MRI - SAAG

2 11g/L

2

2.2 1 2

3

1 3cm

2 3 10cm

/

3

10cm

2.3

400mg/d	160mg/d	4 6g/d
5000ml	4d	1
50mEq/d	4	0.8kg/d
		1

2017 [4]

1

2

3

4

5

6

1.

1

4

1 2

4.

1

2

1 1.5 1

10 1 3

1 2

5.

1

2

1.5g 0.5g 0.03g 3

4 6h 1

3

1 1.5 1 10

1

4

1 2

6.

1

2

1 1.5 1

10 1
3

10cm

15 20cm

1 2h

2015

2017

TIPS

1.

4 6g/d

125mmol /L

2.

3.

4.

1

)

2

3

4

100ml

37 40

40 60cm

2002

[5]

2017

2015

1.

= () /

100%

1

95%

2

70%

95%

3

30%

70%

4

30%

2.

1

24

1200ml

2

50%

24

1000ml

2kg

5cm

3

50%

24

1000ml

2kg

3 5cm

4

()

1.

2.

1

2

3

3.

1

2

	(0)	(1)	(2)	(3)	
--	------	------	------	------	--

			2h	2h	
		1/3	1/3	1/2	
	1200ml	1000~1200ml	400~1000ml	400ml	

[1] . [M]. ,2017 237-245.

[2] . [J].
2015 7(3):1-17.

[3] . [J].
33(10):158-173.

[4] . [J].
2017 32(7):3065-3068.

[5] . () [M]. :
,2002:361-390.

