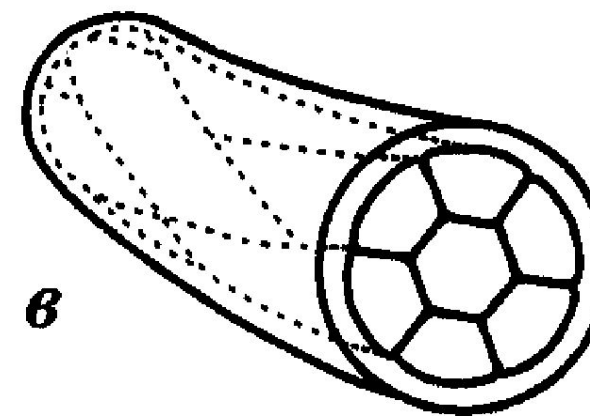
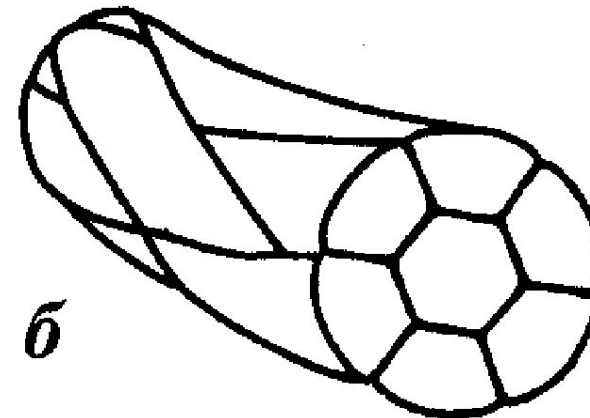
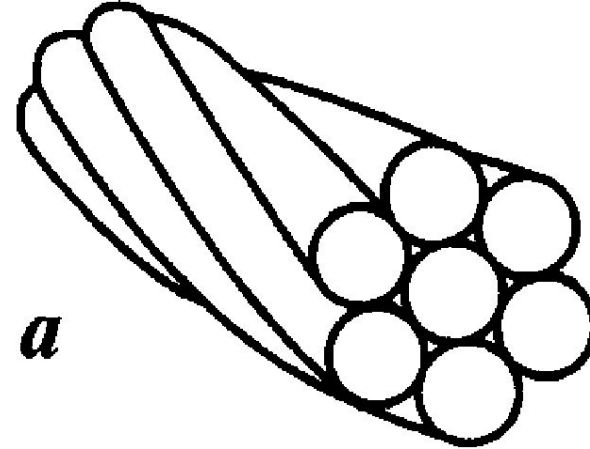
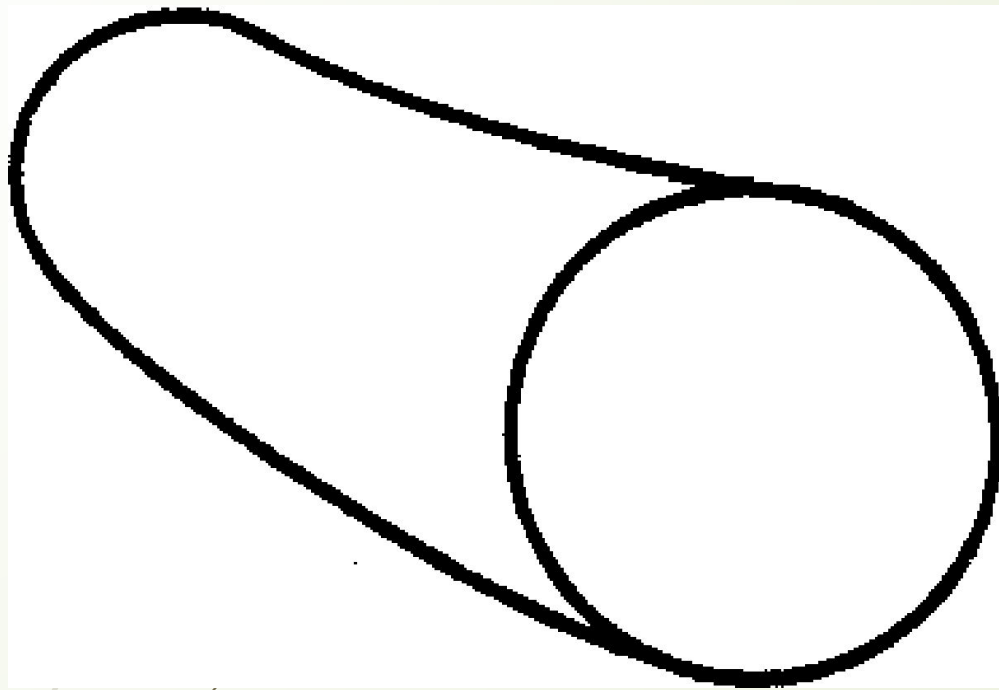


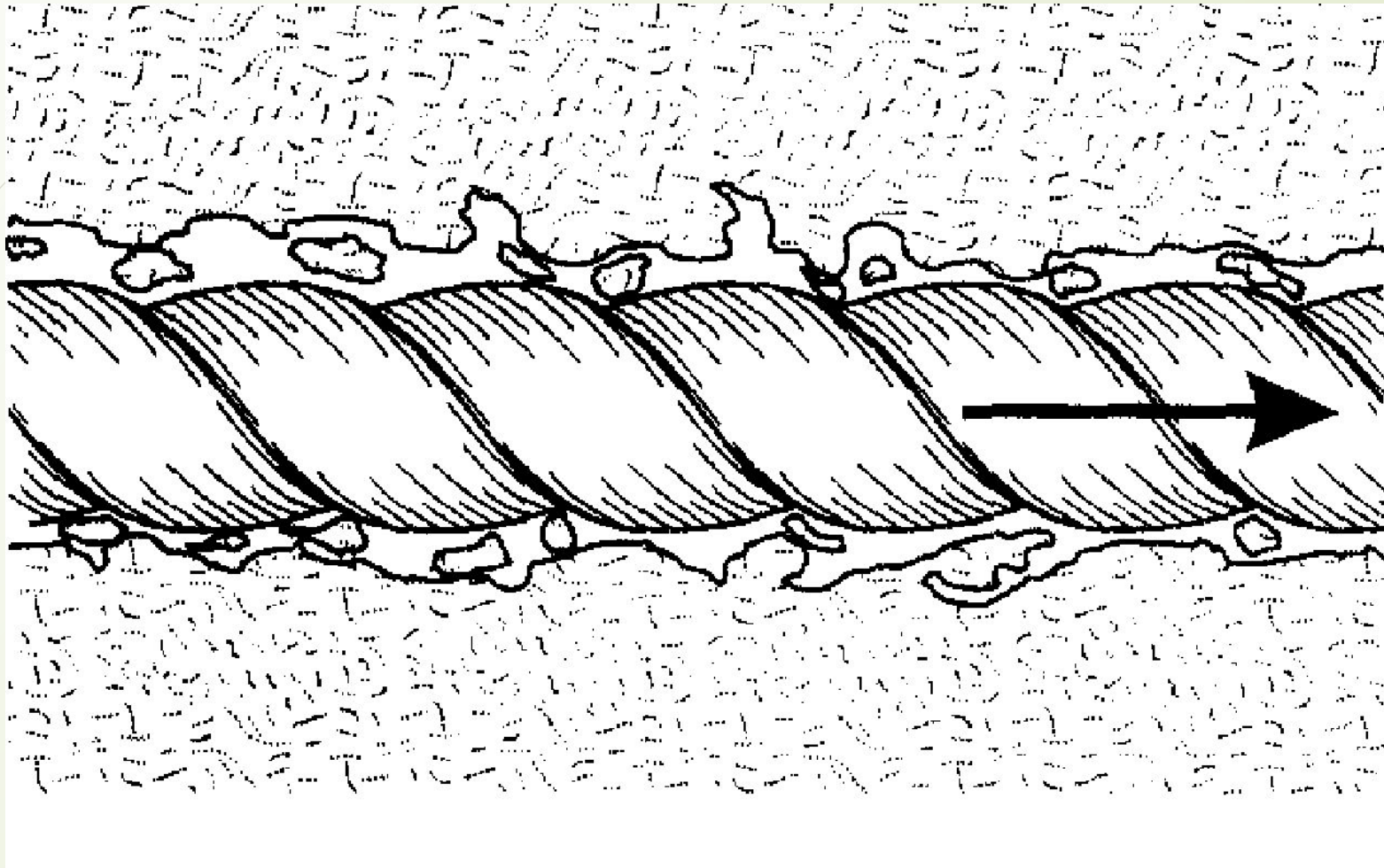
# УЗЛЫ В ХИРУРГИИ

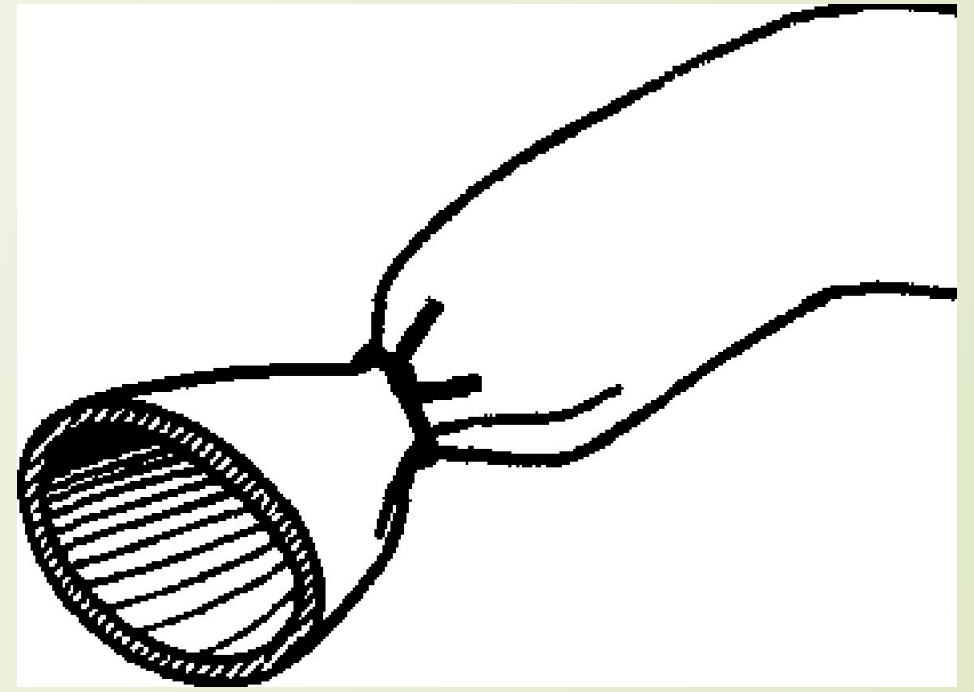
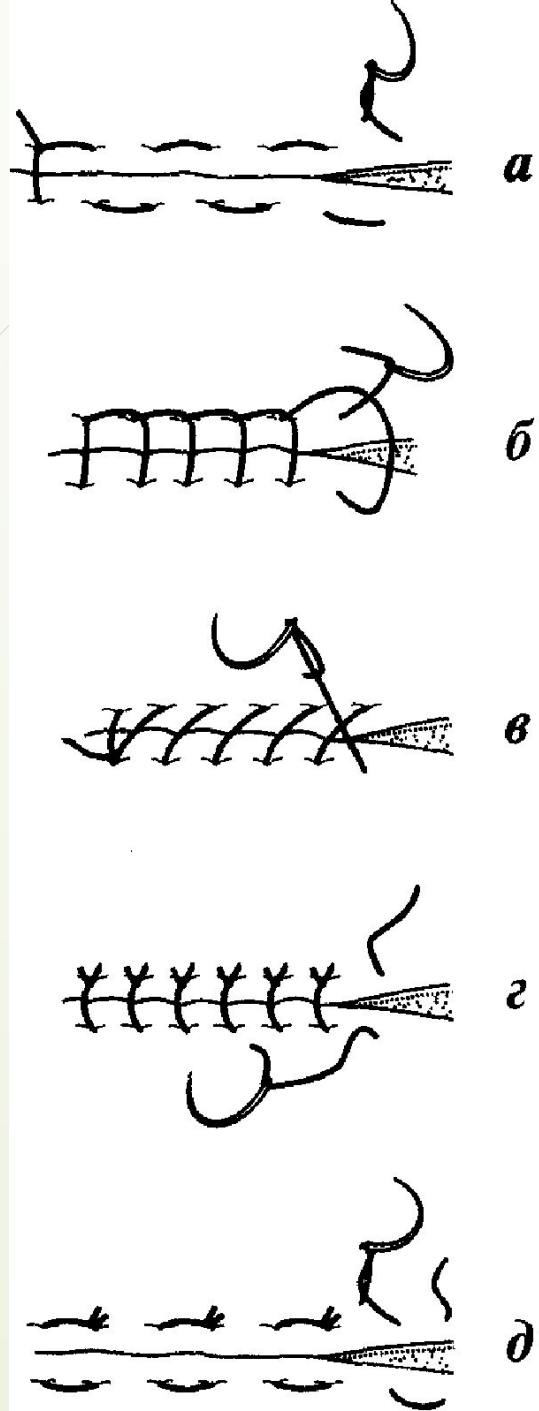




# ВИДЫ НИТЕЙ





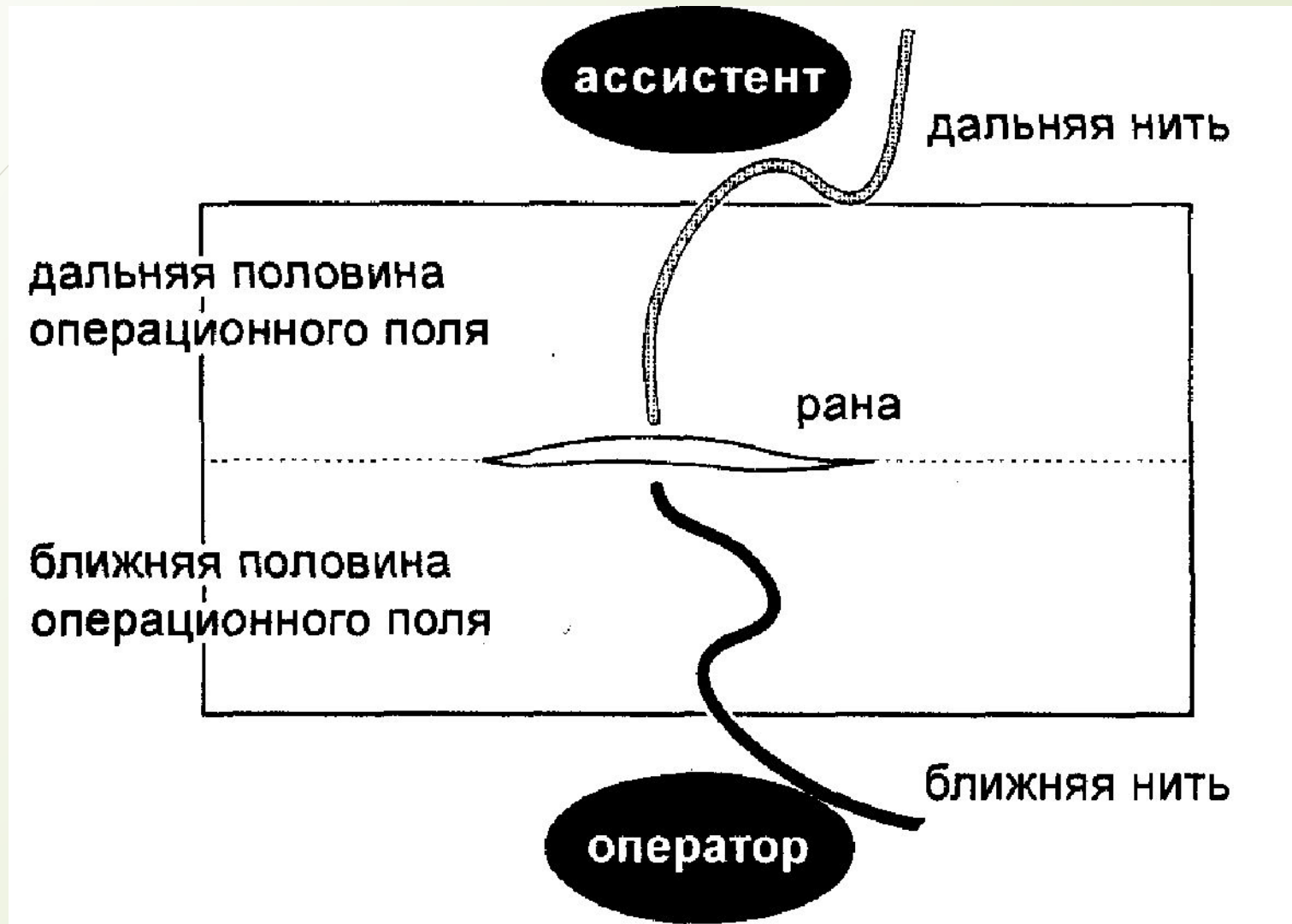


# ШВЫ



# СТРУКТУРА УЗЛА

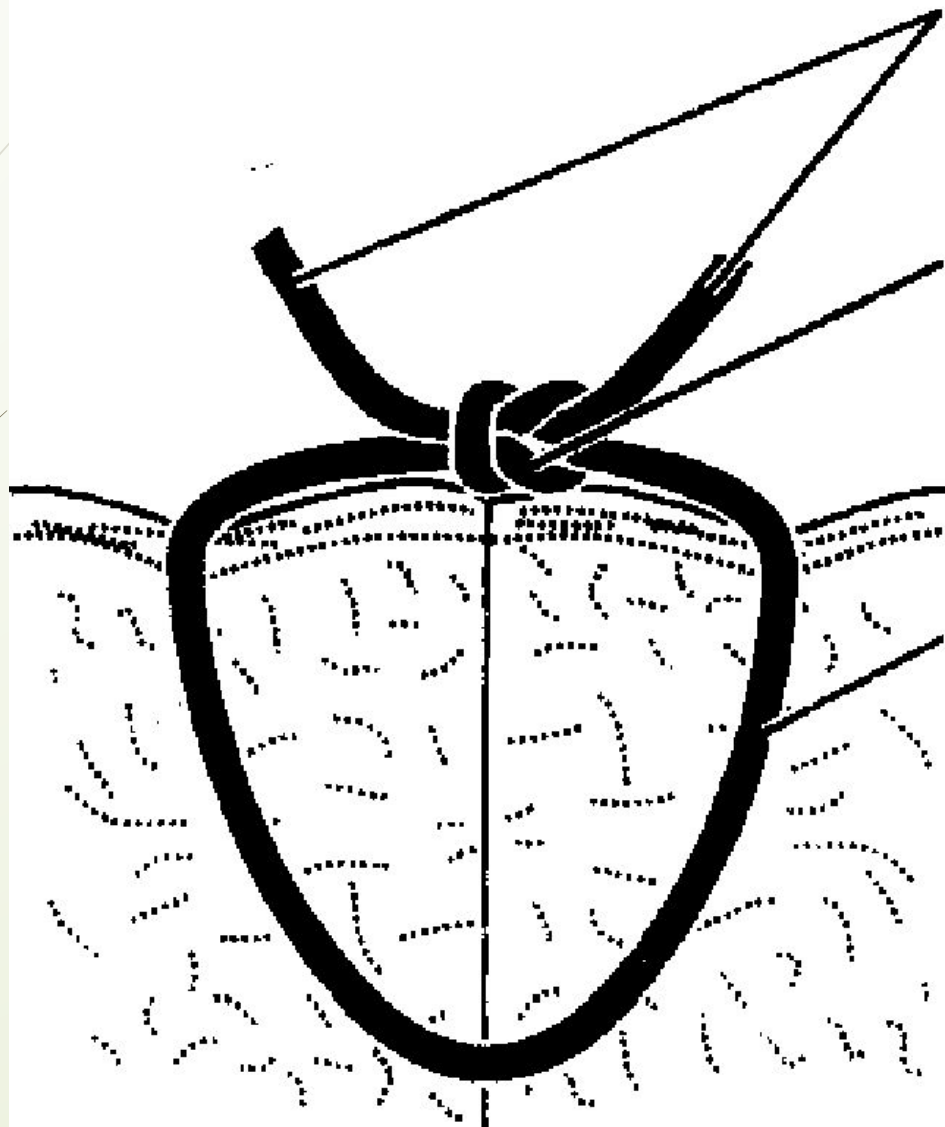


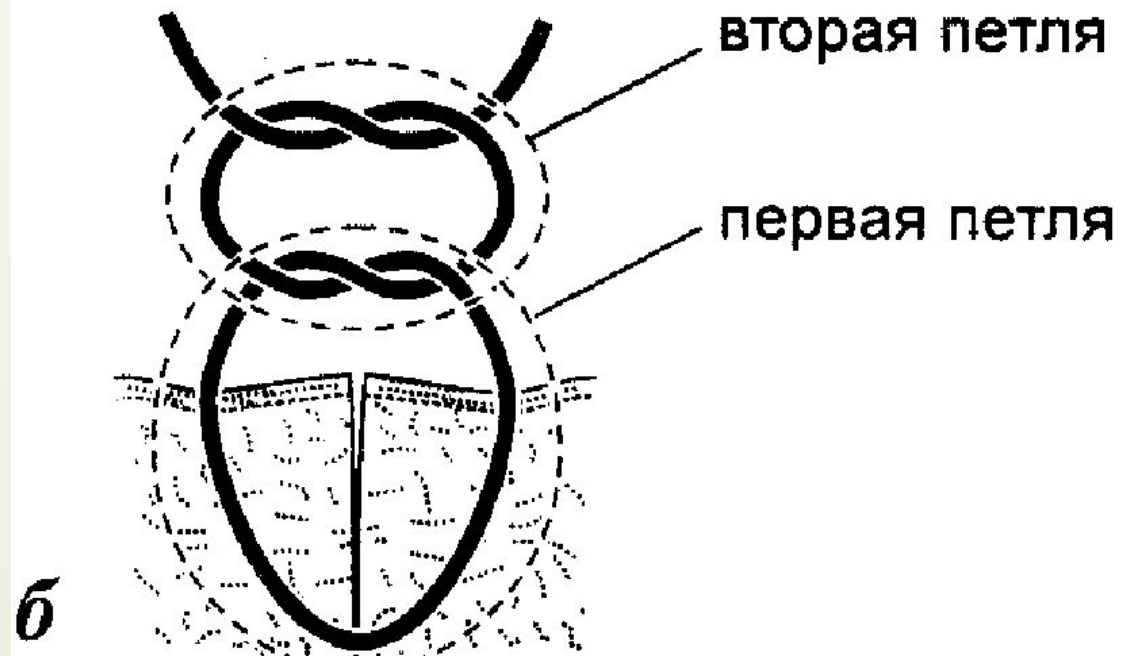
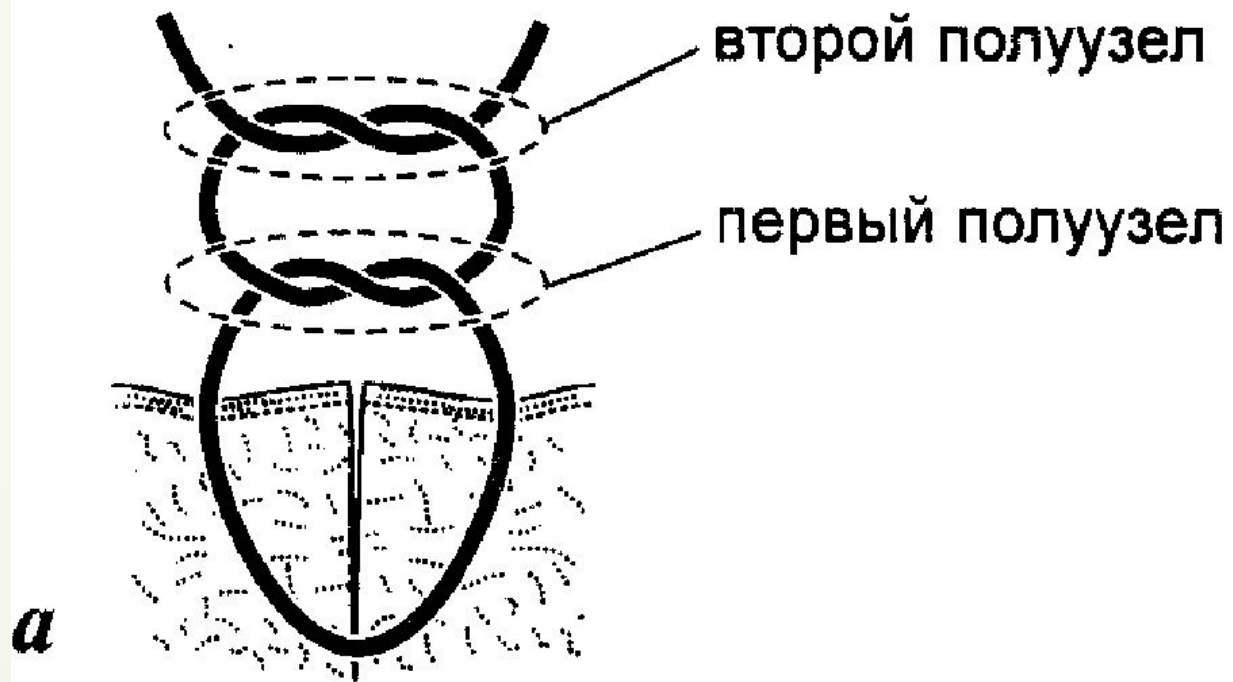


**оставляемые  
концы нитей**

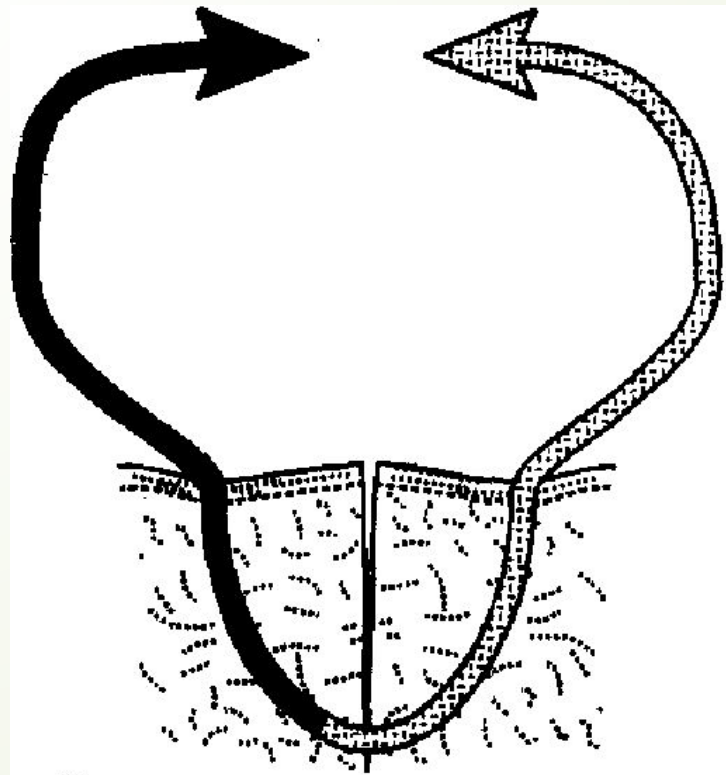
**узел**

**кольцо стежка**

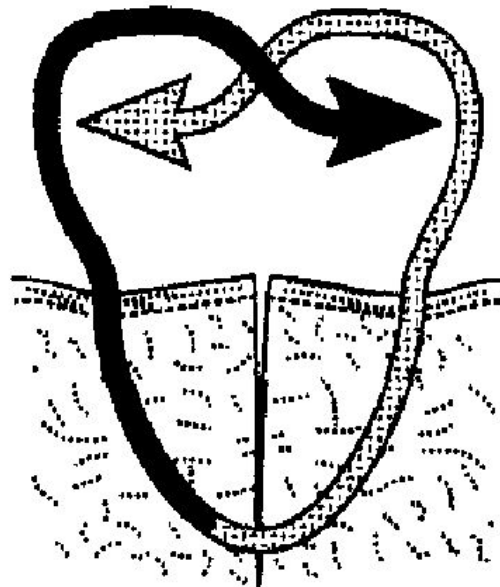




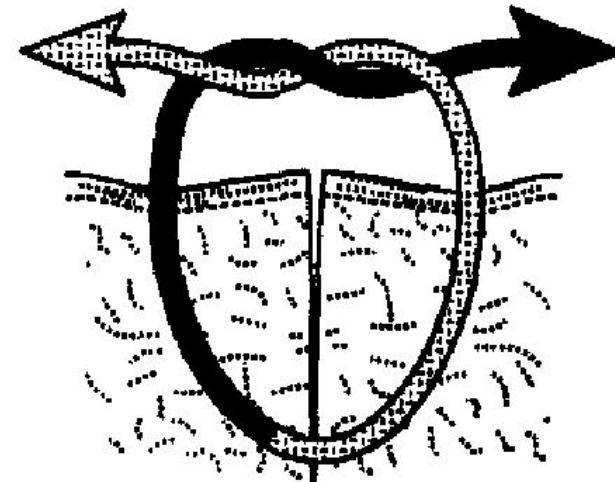




*a*



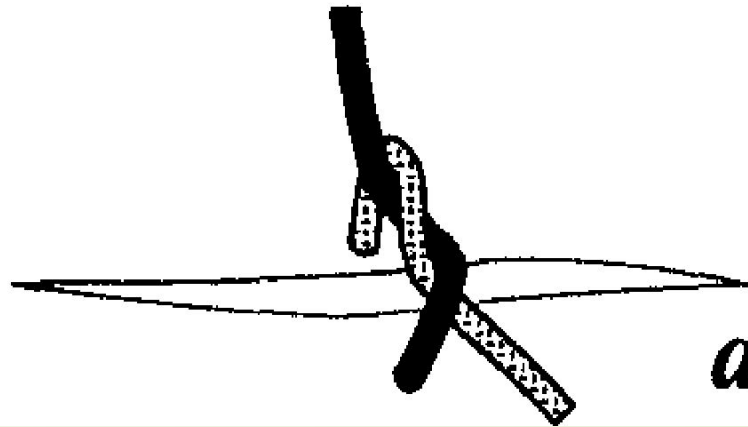
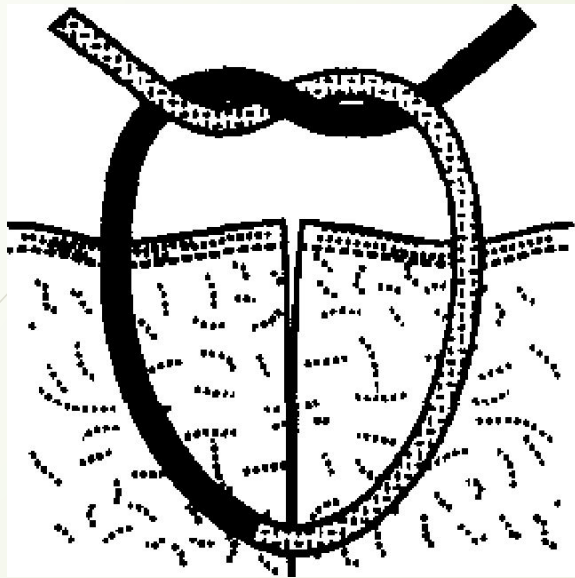
*б*



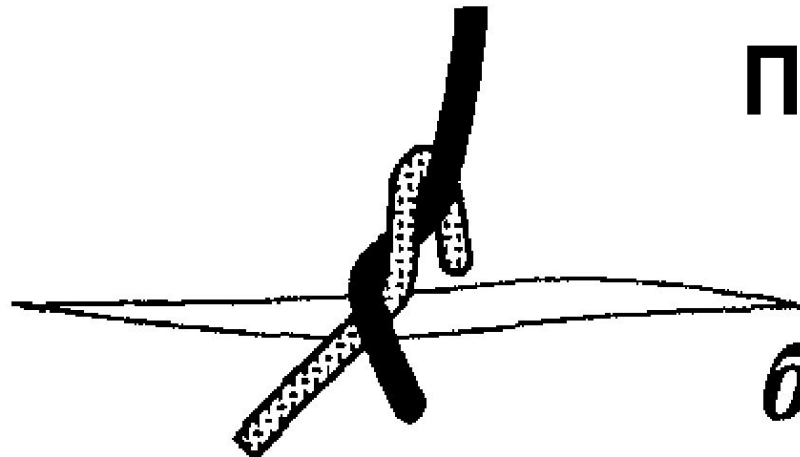
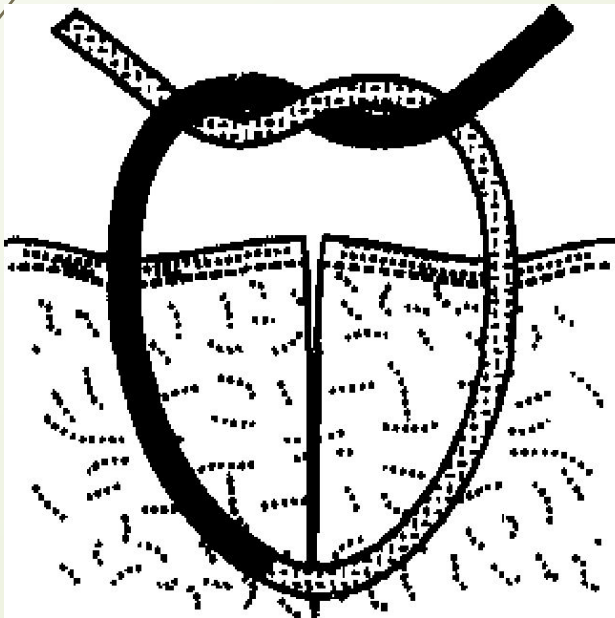
*в*

# ФОРМИРОВАНИЕ ПЕТЛИ



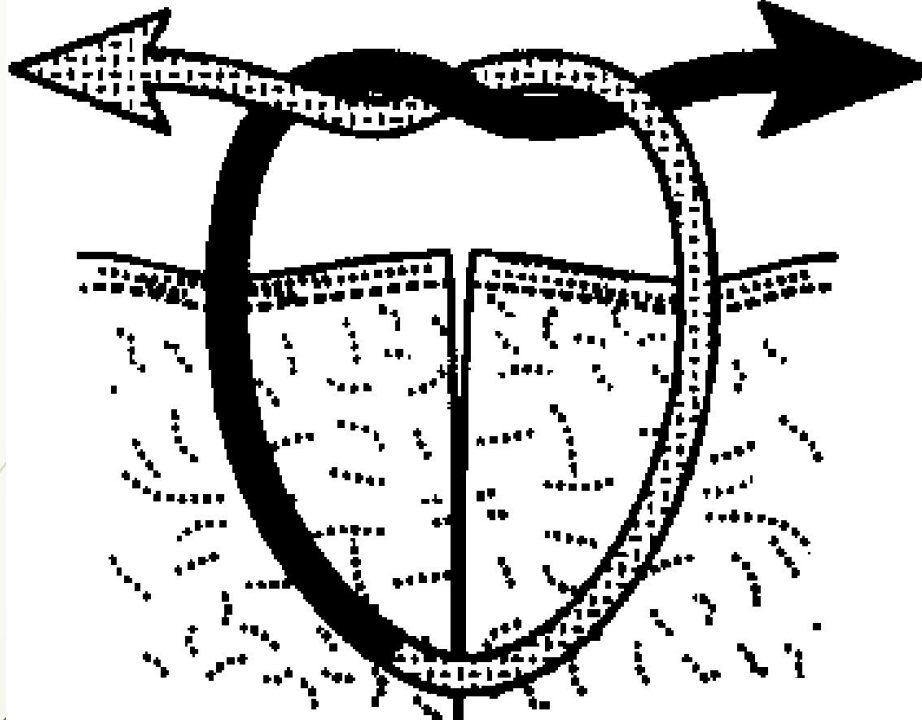


**ПРАВВАЯ  
ПЕТЛЯ**

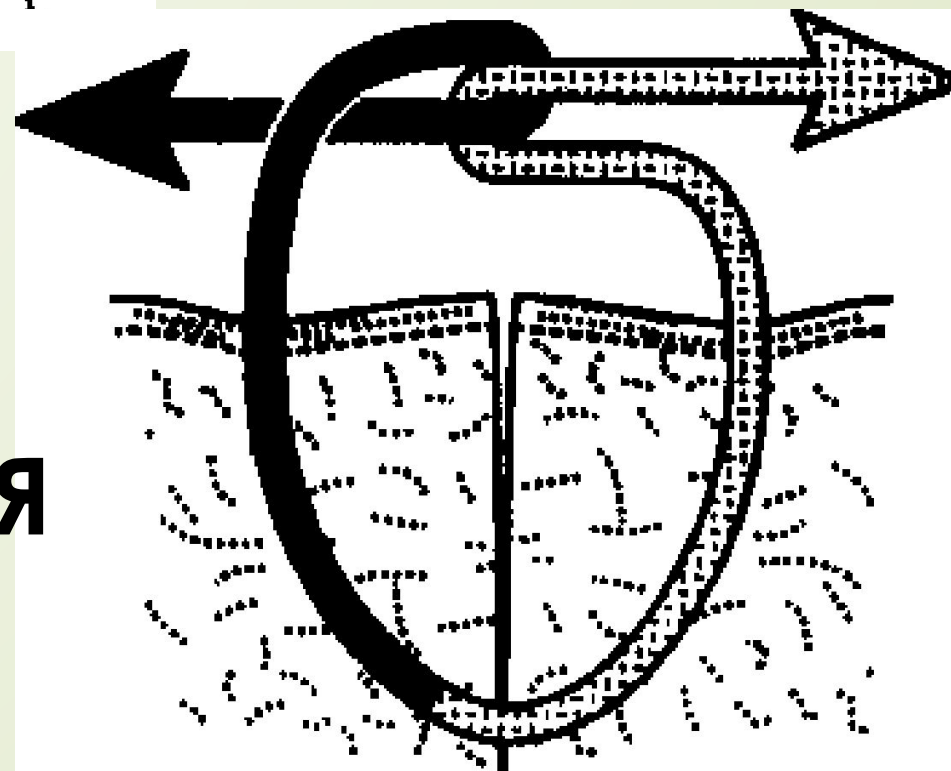


**ЛЕВАЯ  
ПЕТЛЯ**





**ПРАВИЛЬНАЯ  
ПЕТЛЯ**

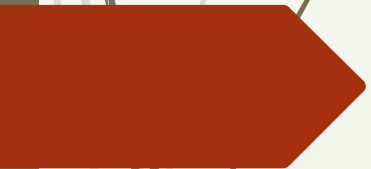
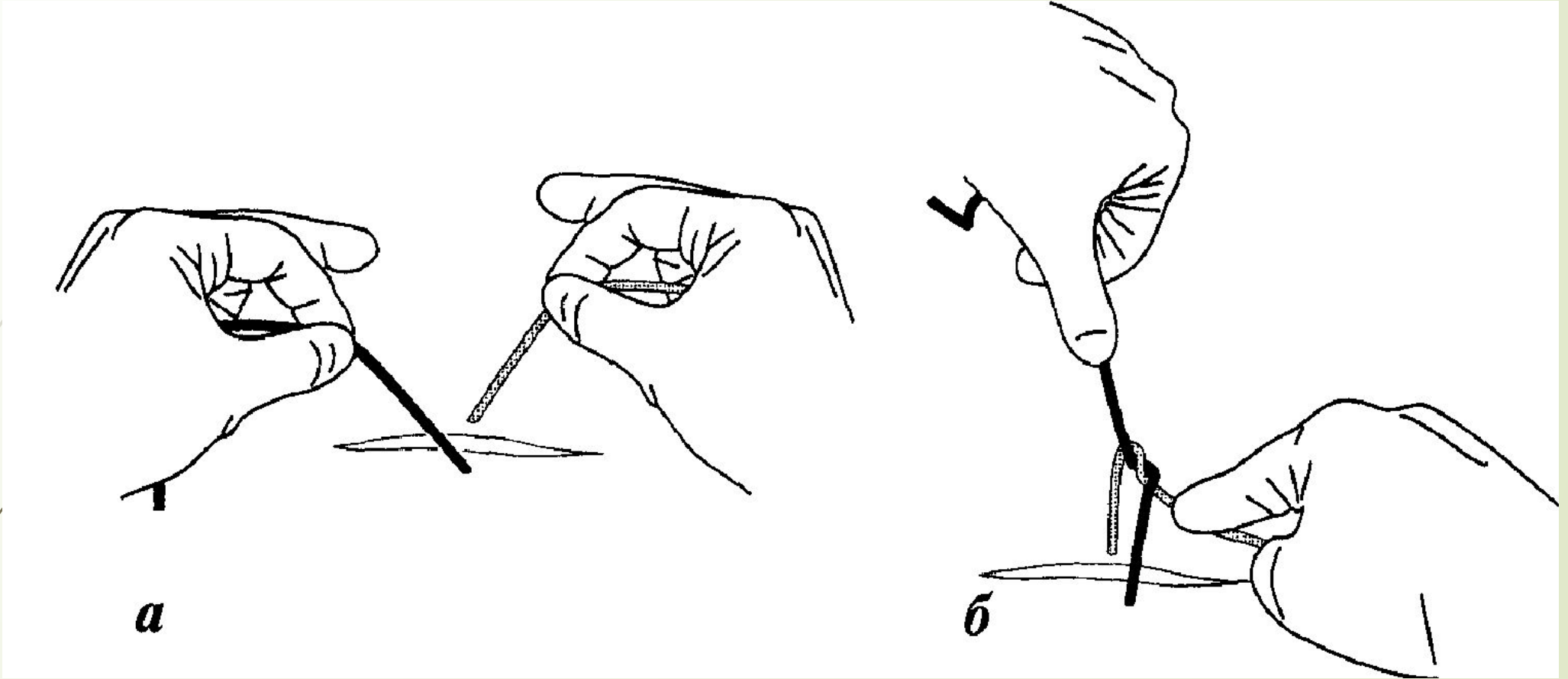


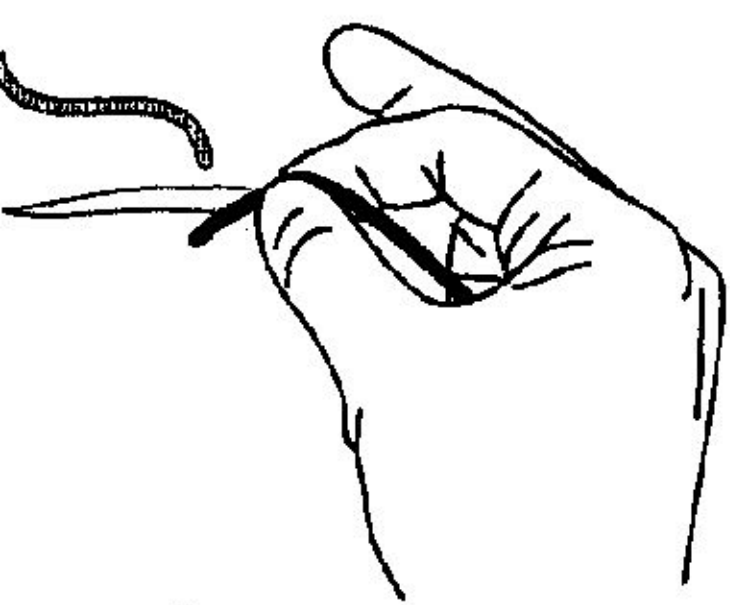
**АССИМЕТРИЧНАЯ  
ПЕТЛЯ**



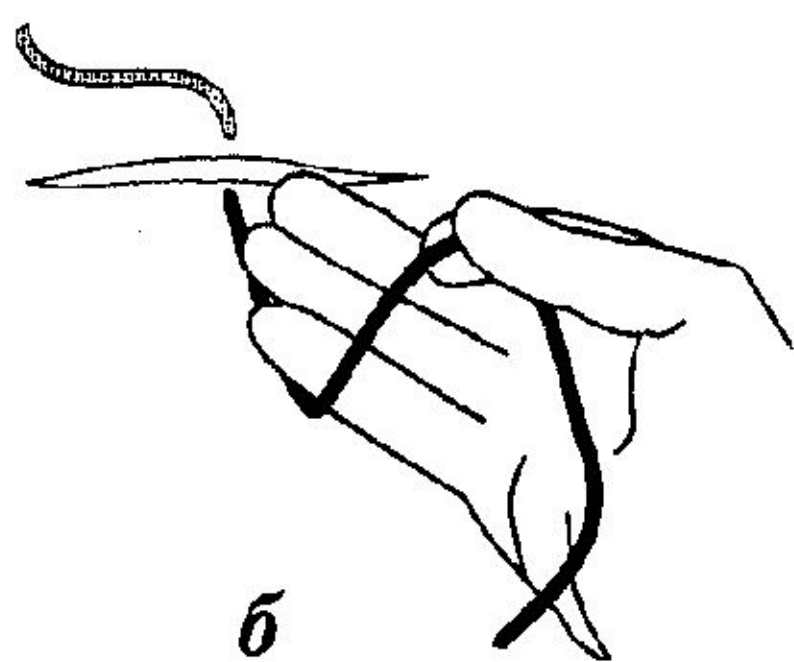
# УДЕРЖИВАНИЕ НИТИ



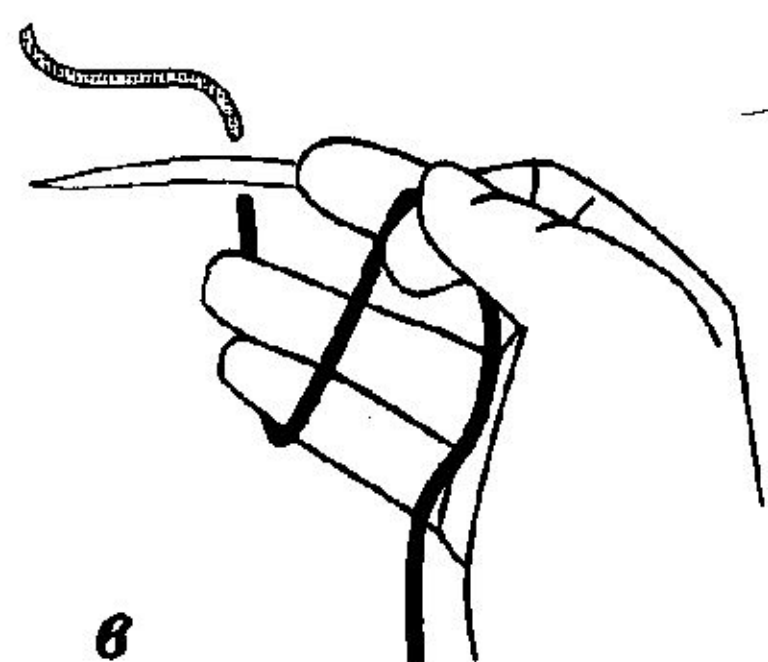




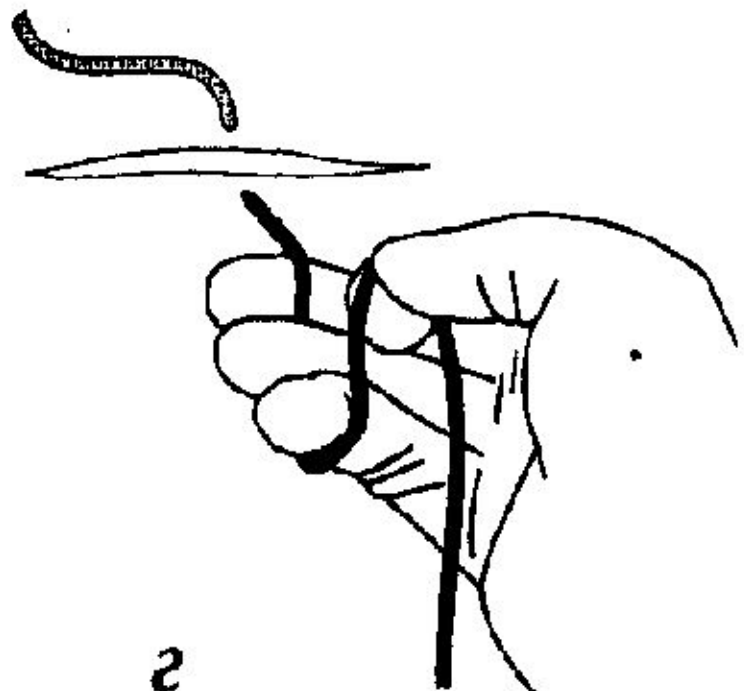
*a*



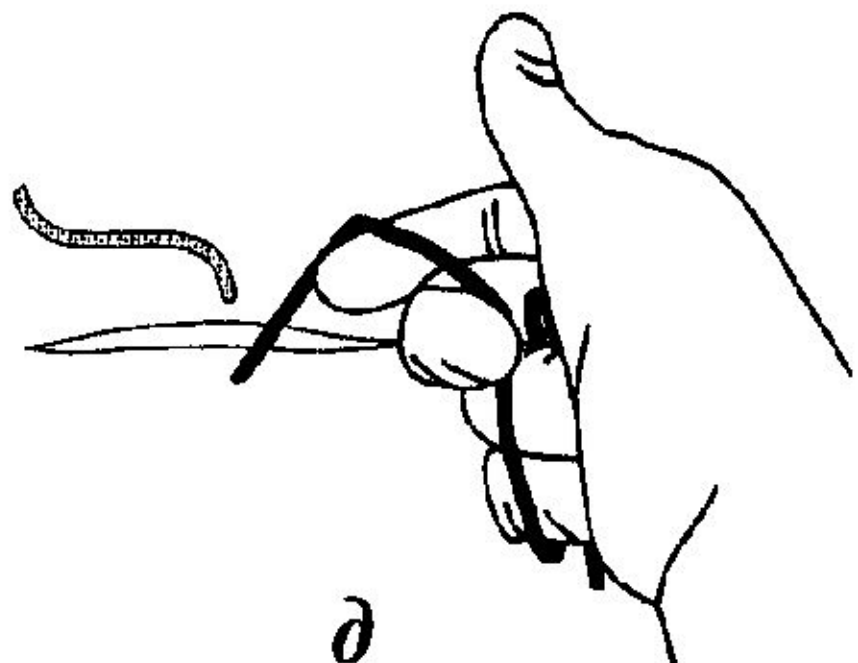
*б*



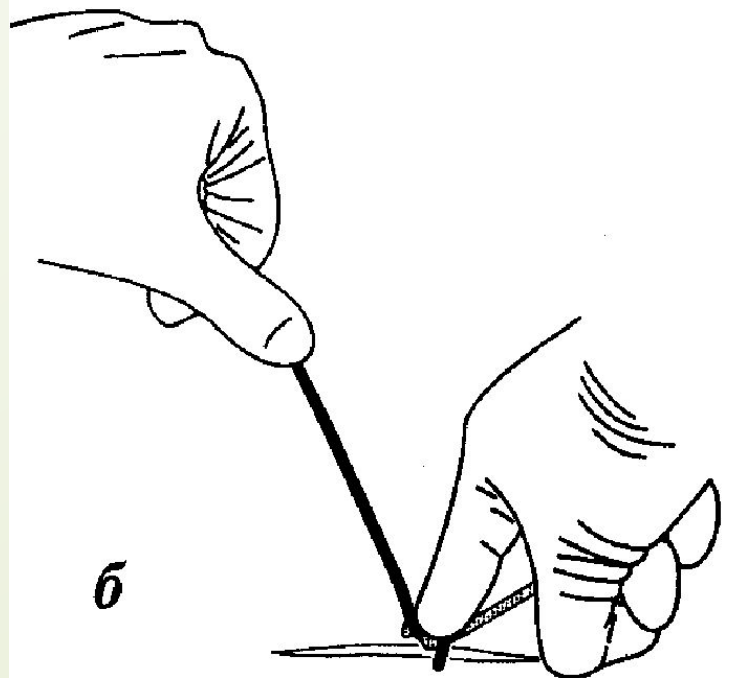
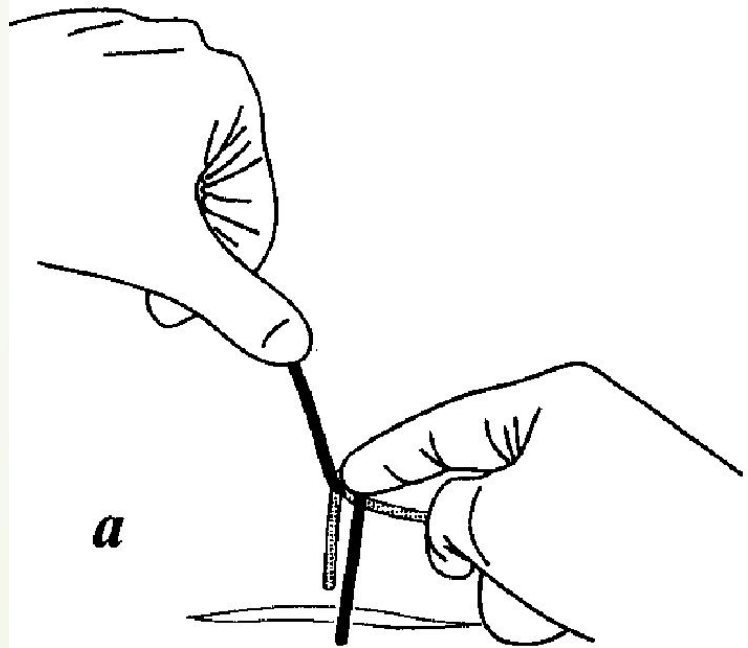
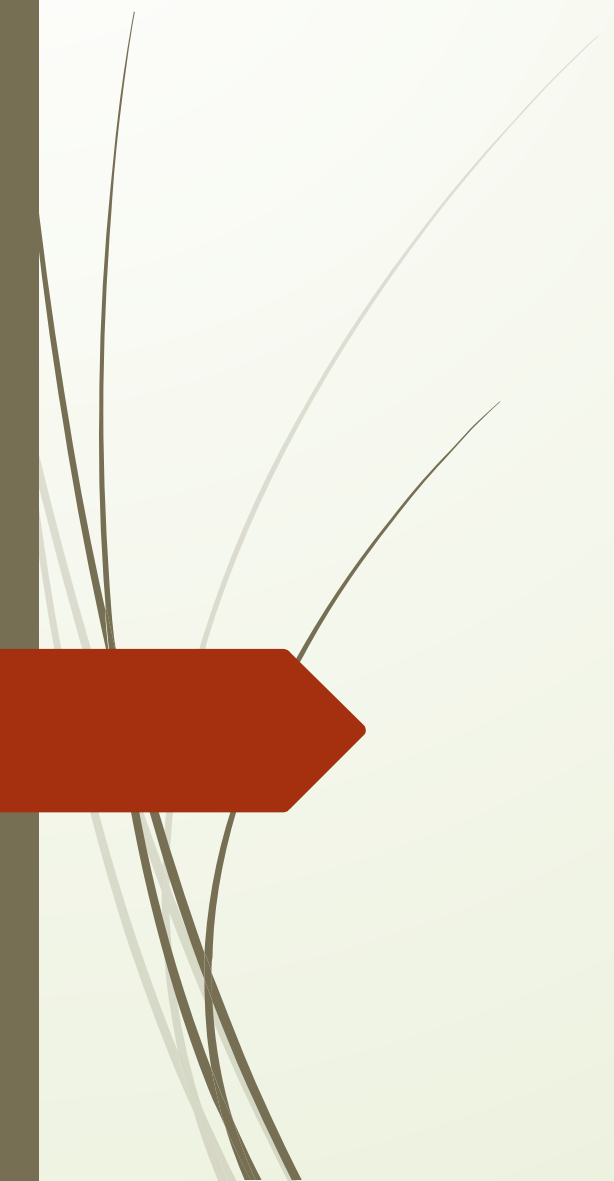
*в*



*г*



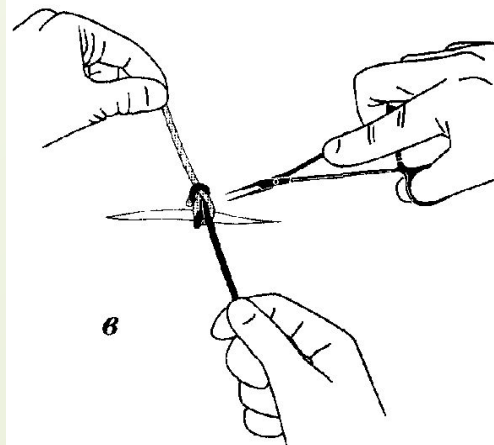
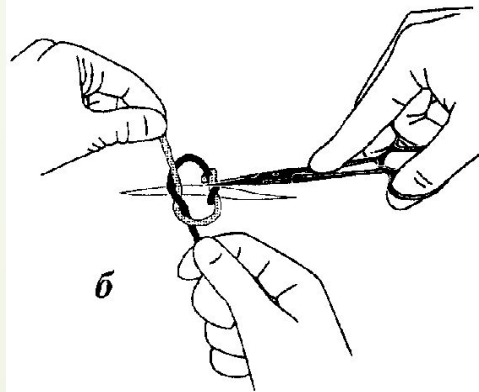
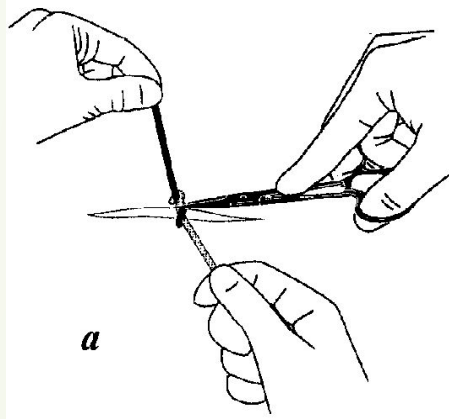
*д*





# ЗАТЯГИВАНИЕ ПОЛУУЗЛА ВТОРЫМ ПАЛЬЦЕМ



# ВАРИАНТ УДЕРЖИВАНИЯ: ИНСТРУМЕНТОМ



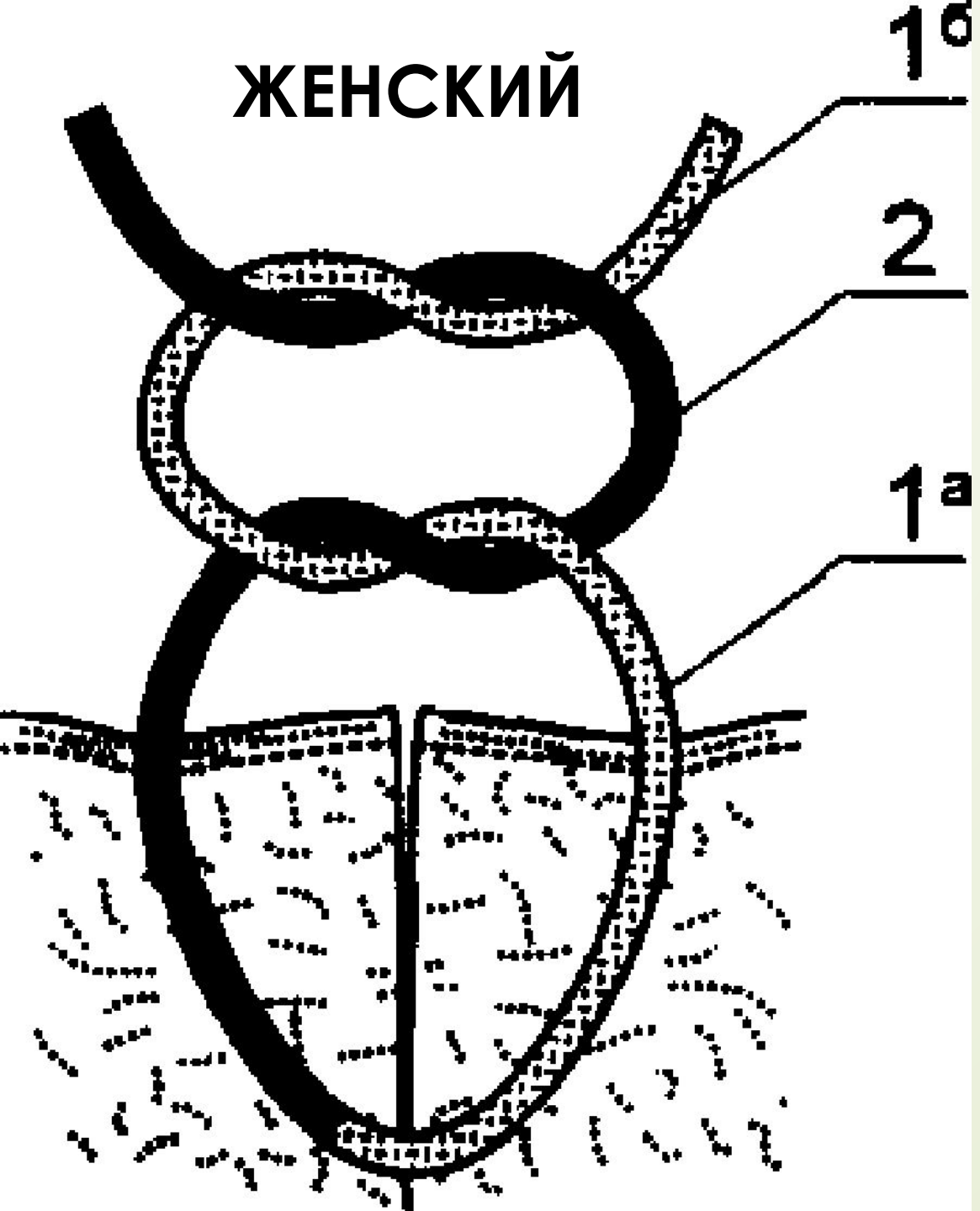




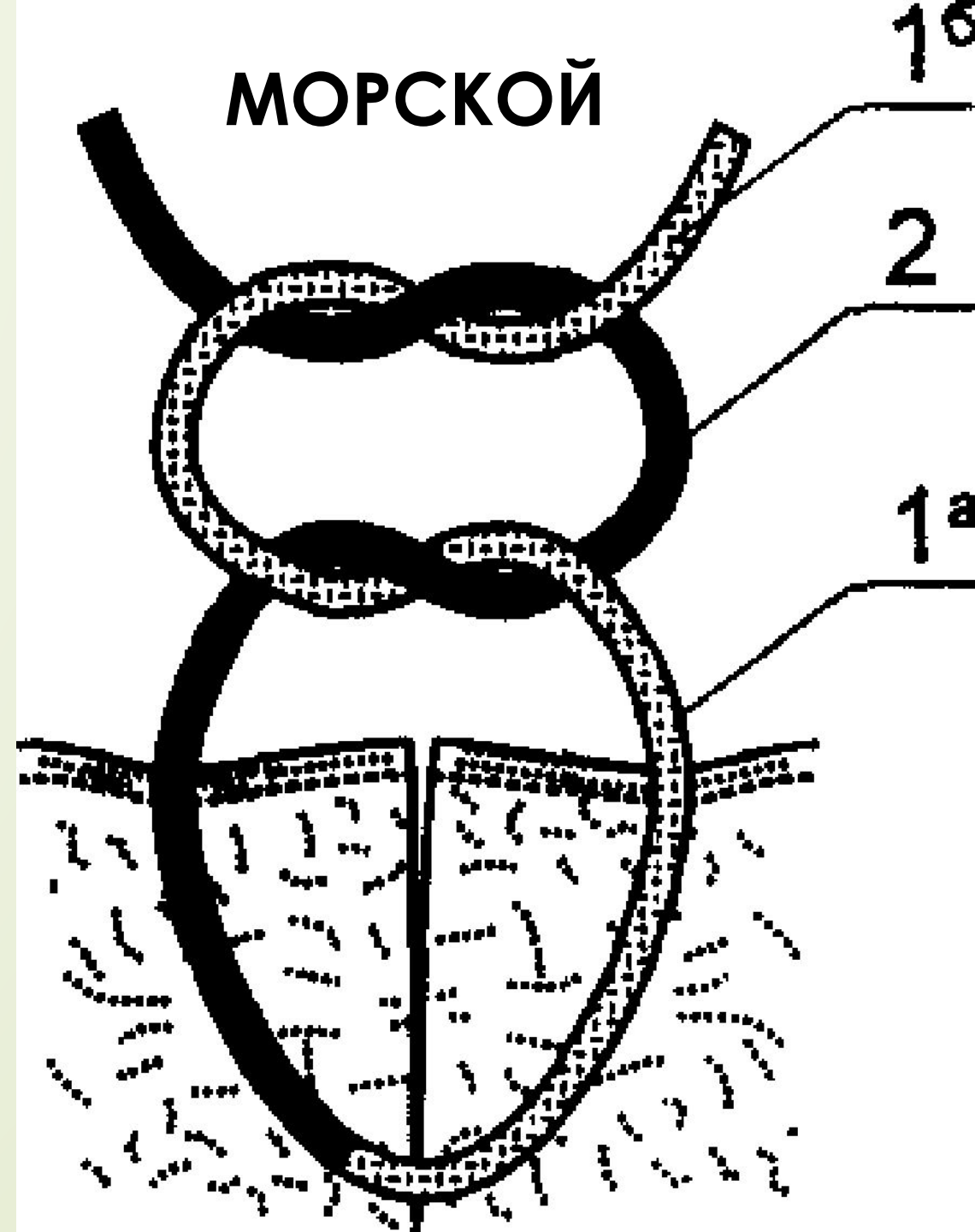
# ВИДЫ УЗЛОВ



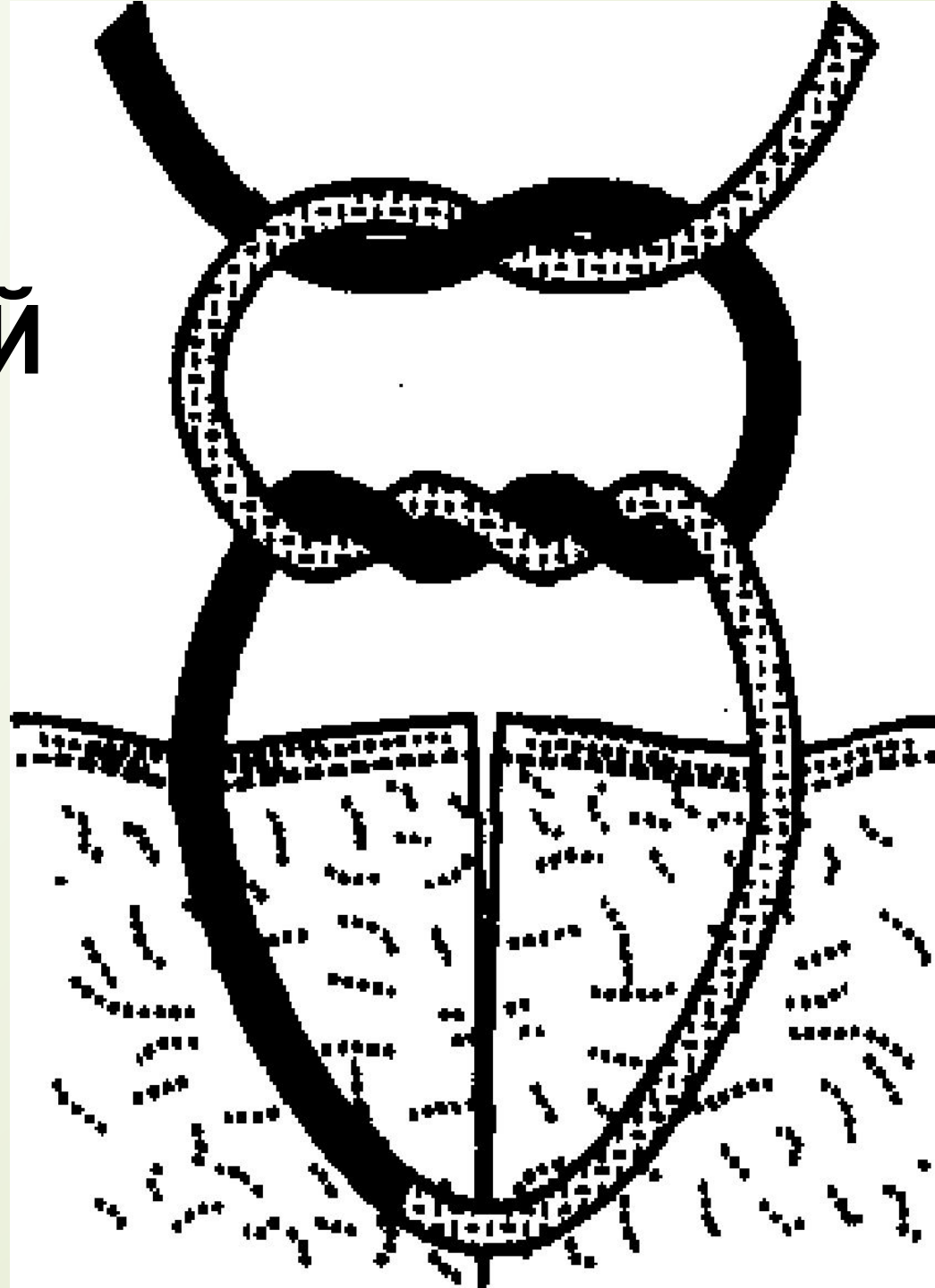
ЖЕНСКИЙ

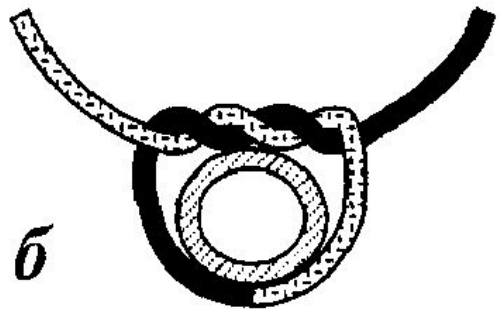
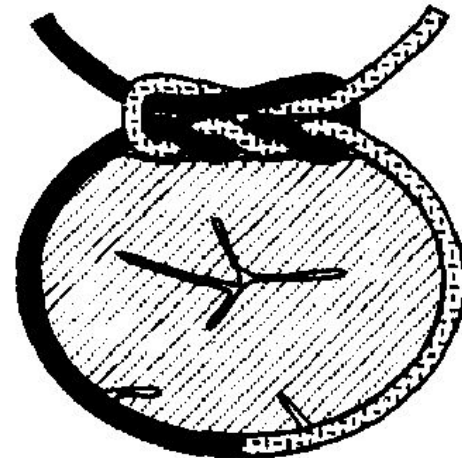
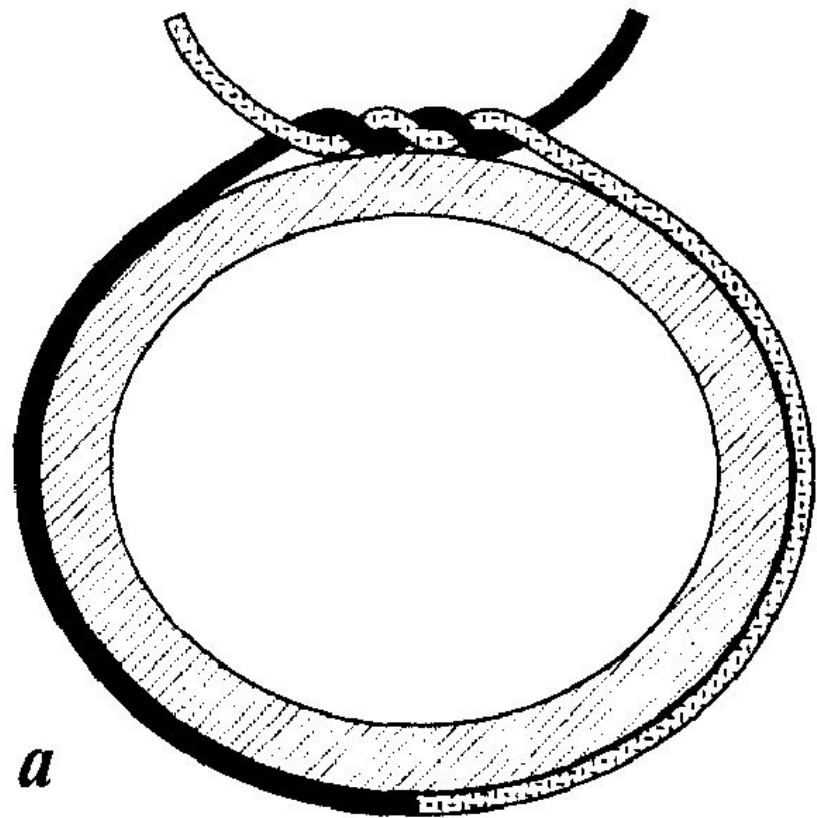


МОРСКОЙ

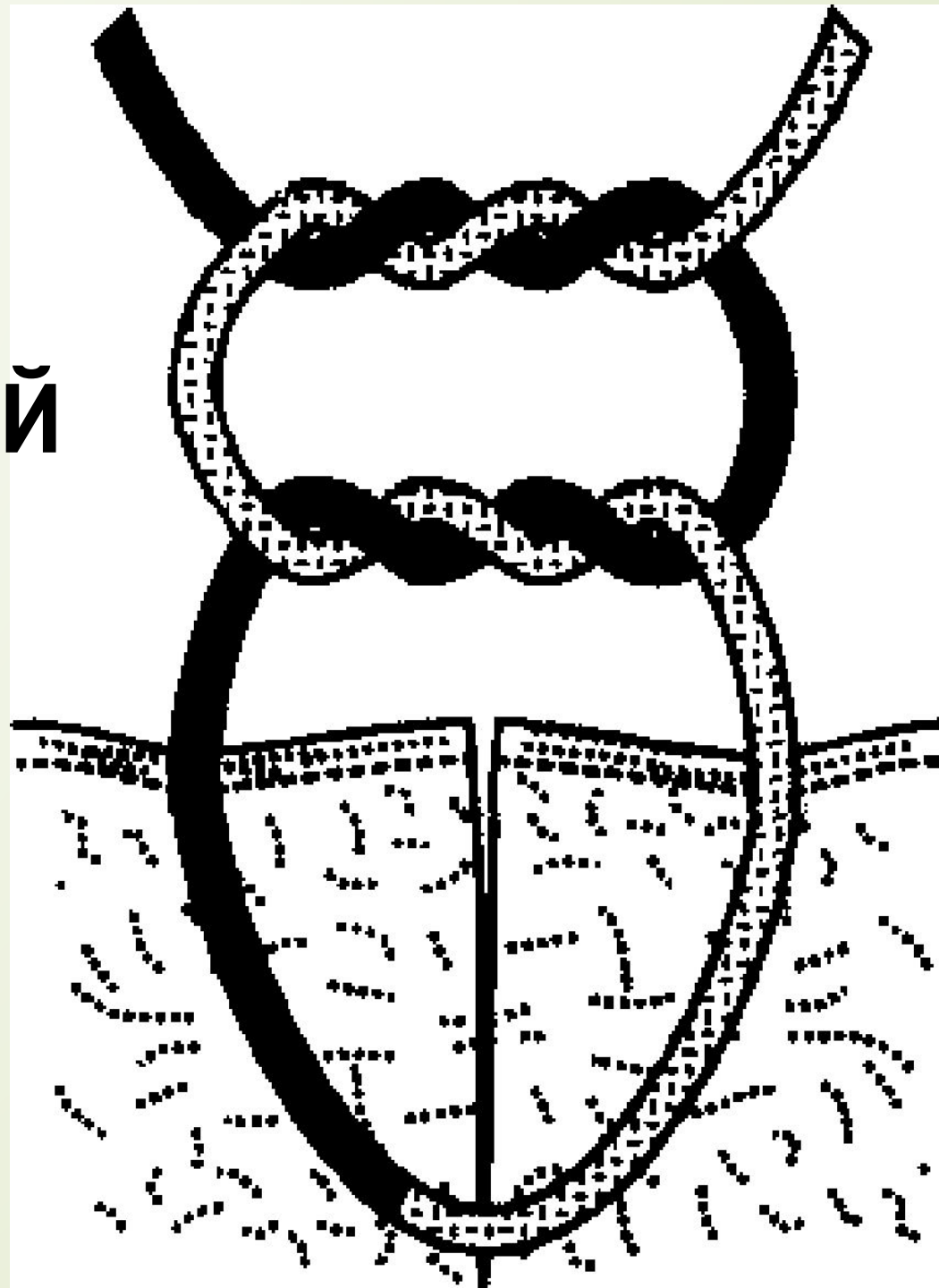


**ХИРУРГИЧЕСКИЙ**

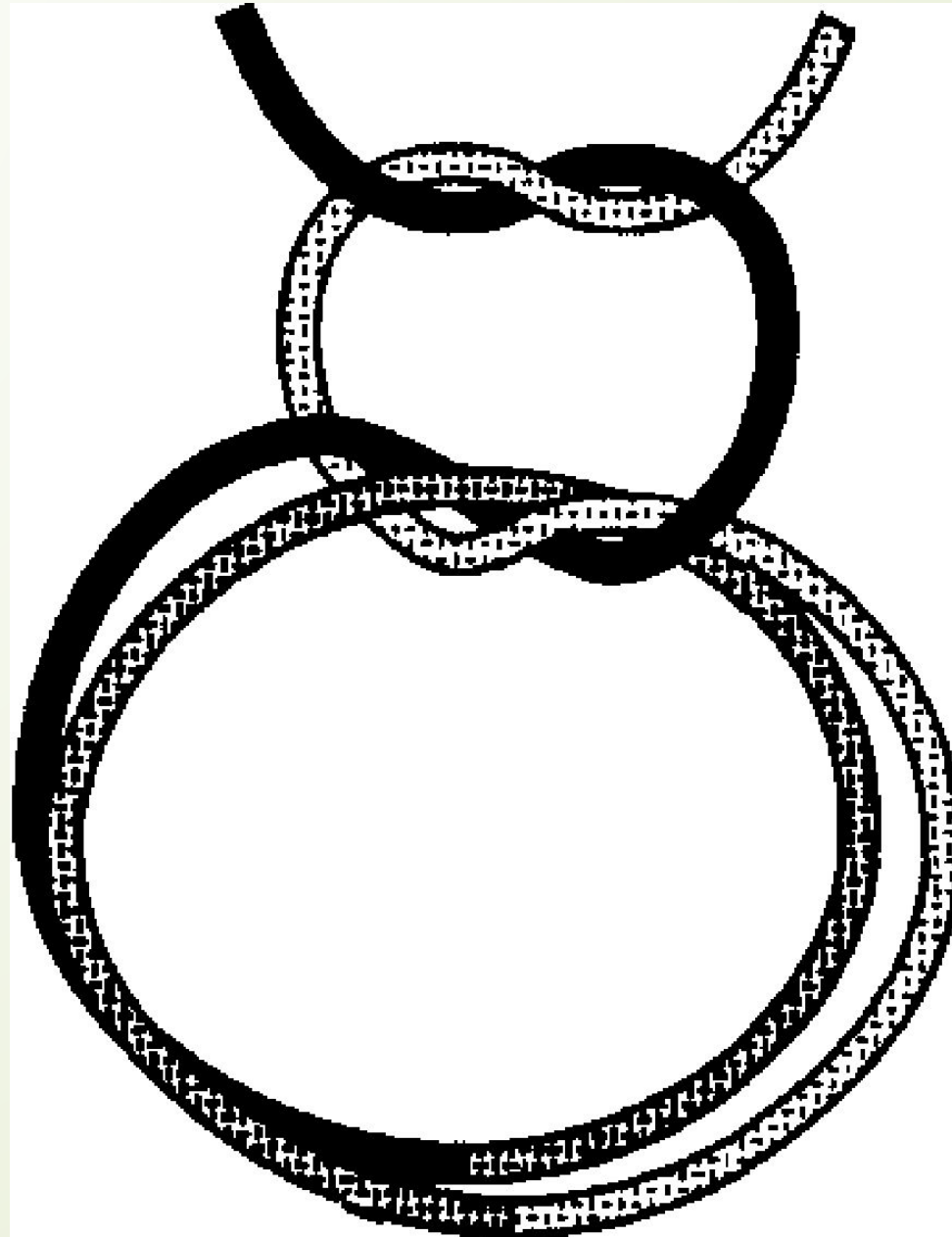


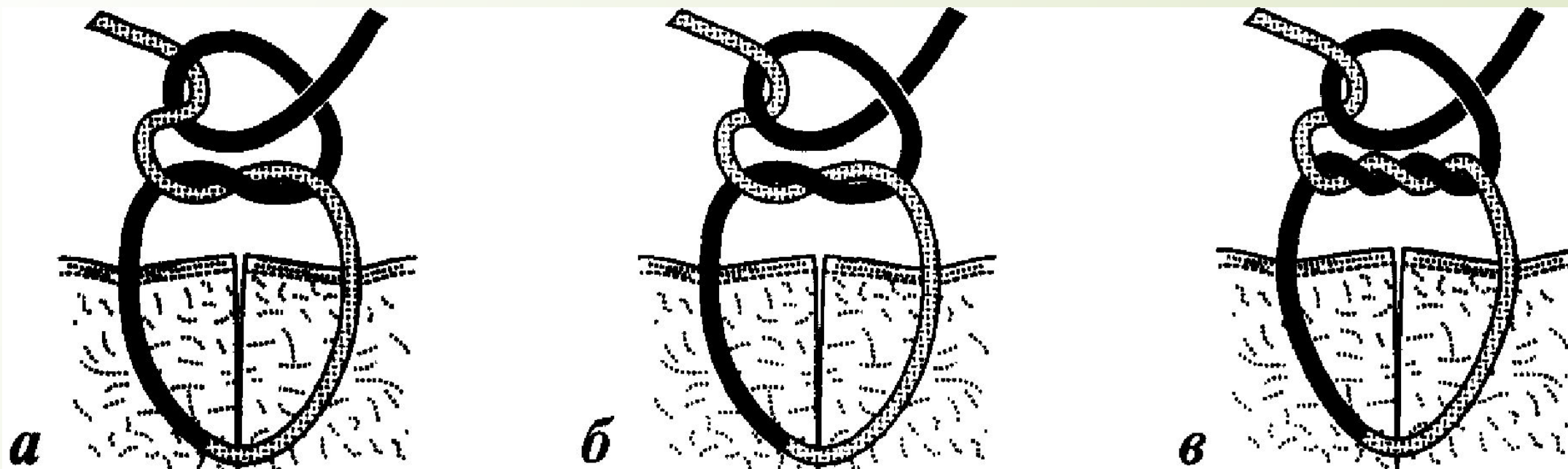


**АКАДЕМИЧЕСКИЙ**



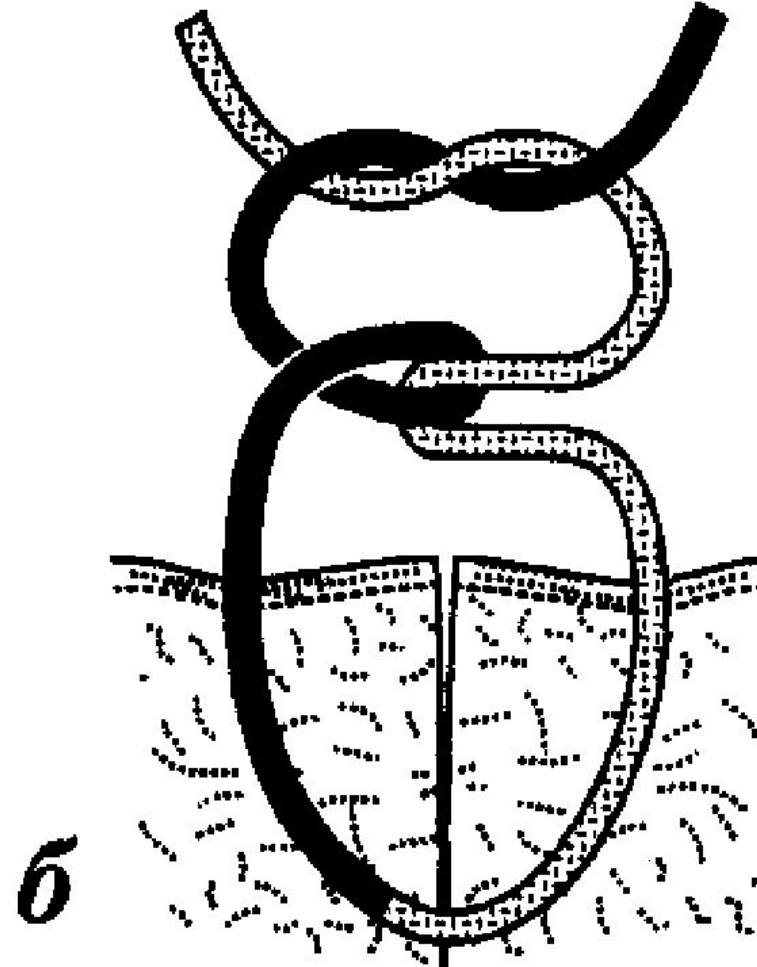
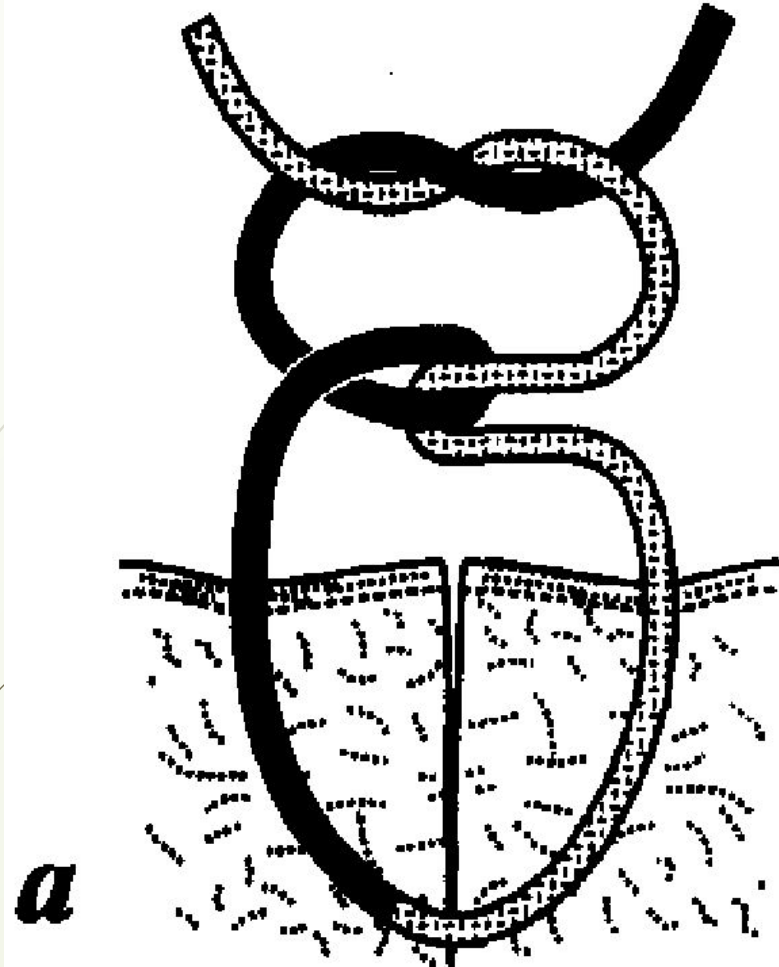
# УЗЕЛ БАРКОВА





# ПОВЕРНУТЫЙ



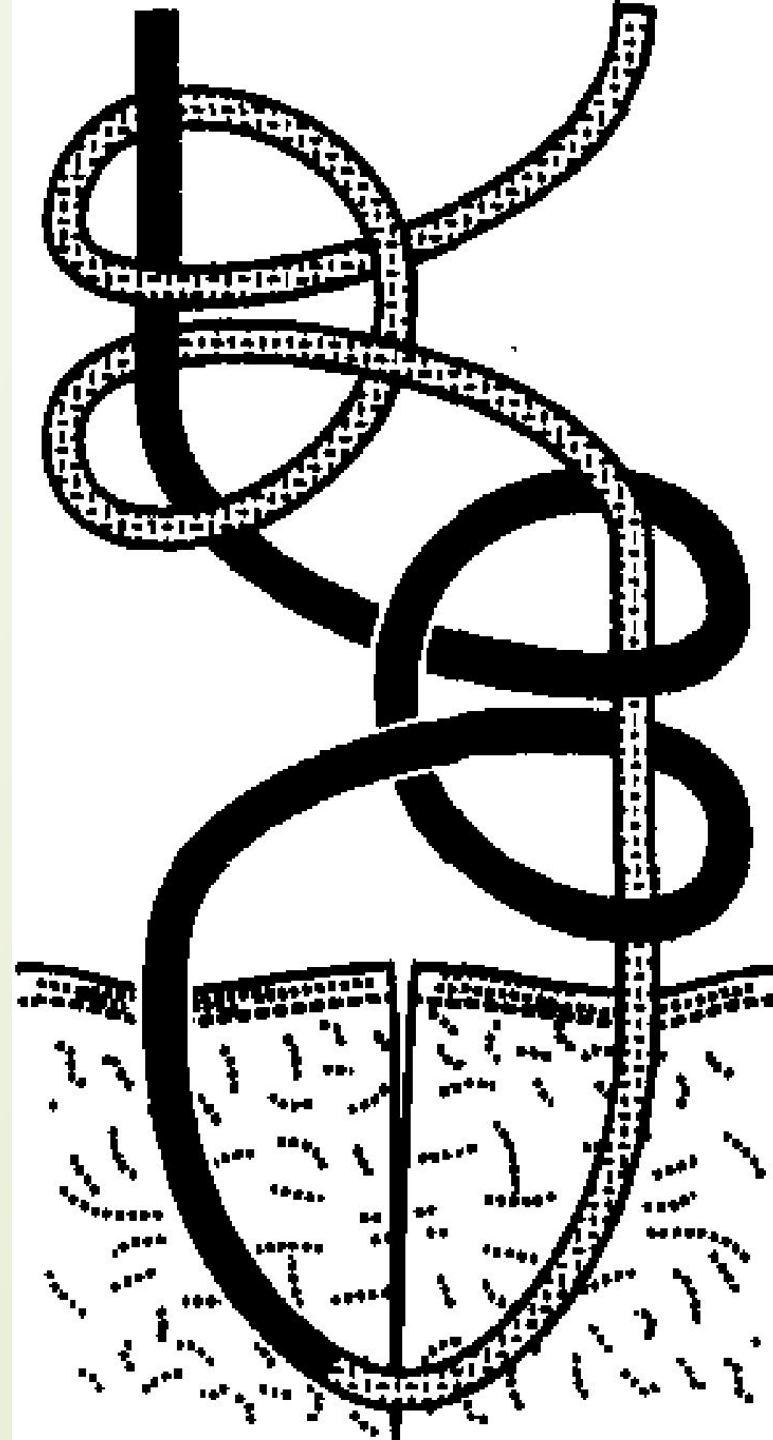


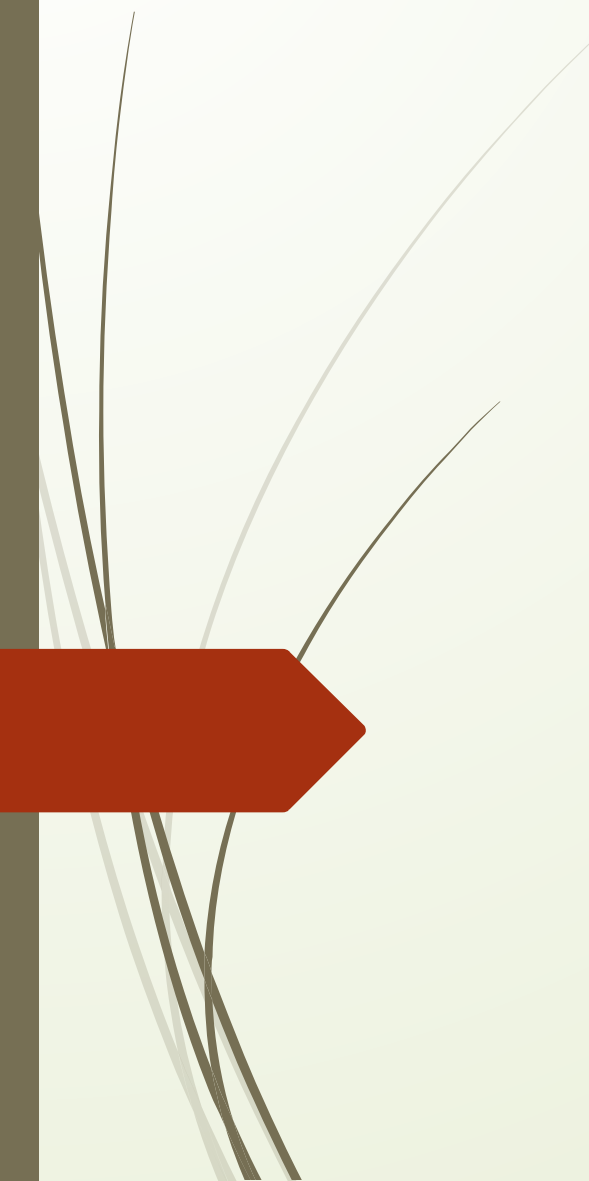
# СМЕЩЕННЫЙ





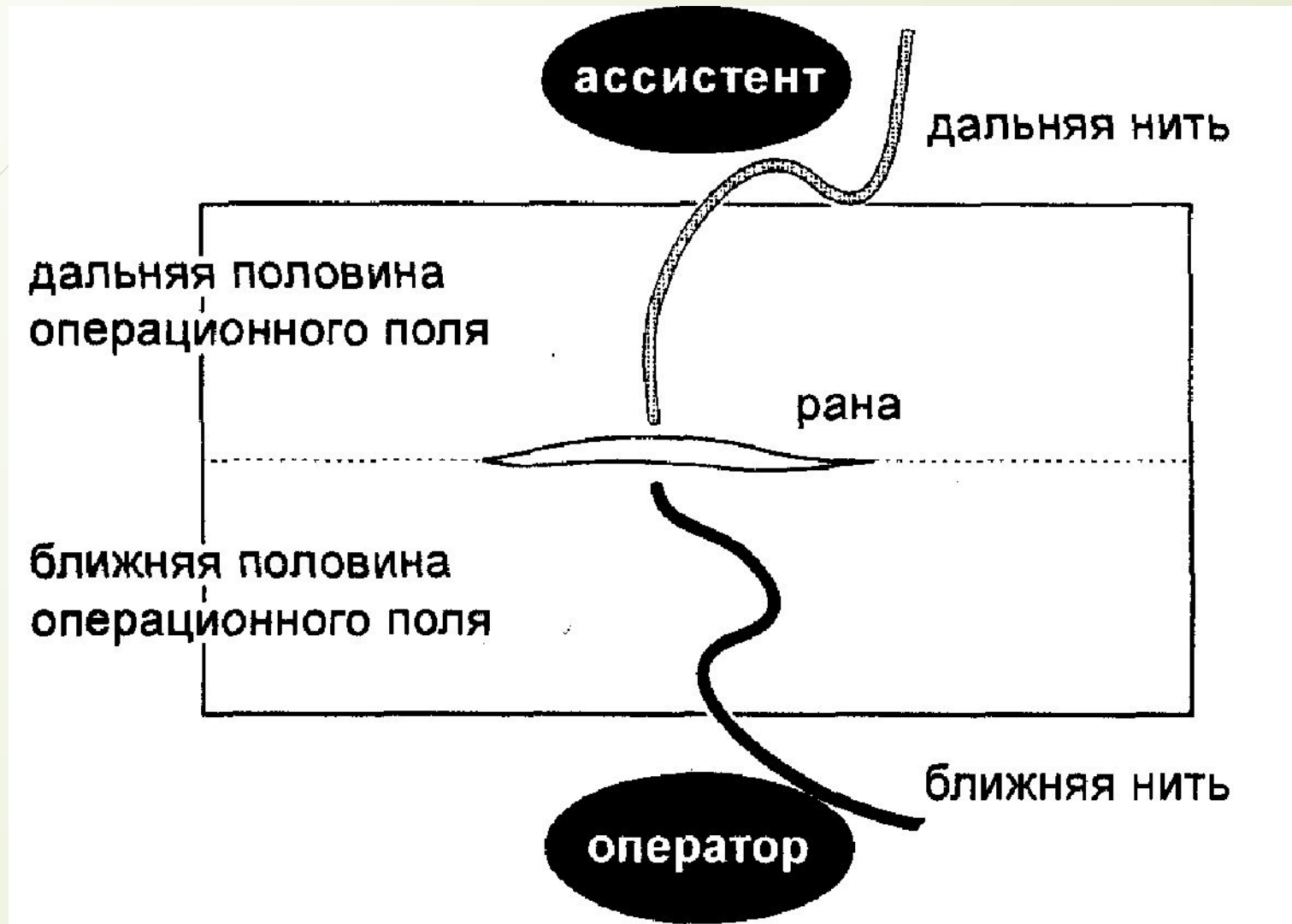
# СКОЛЬЗЯЩИЙ БЛОКИРОВАННЫЙ





# ТЕХНИКА ФОРМИРОВАНИЕ ПОЛУУЗЛА

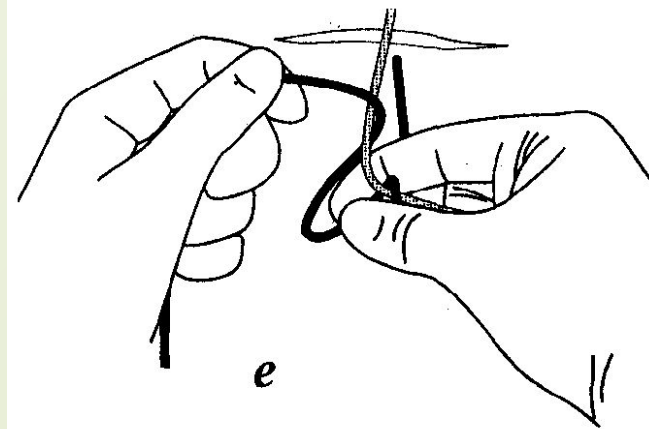
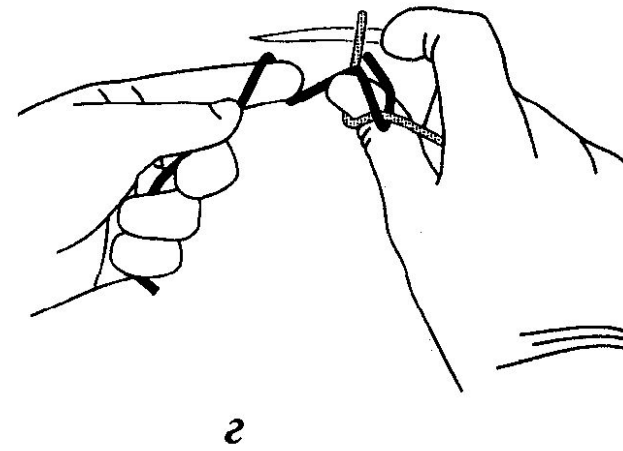
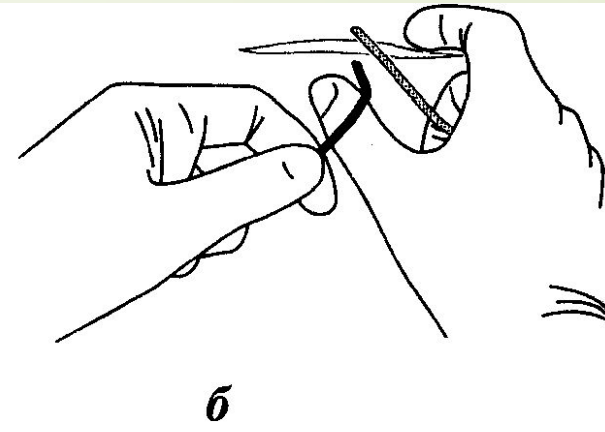
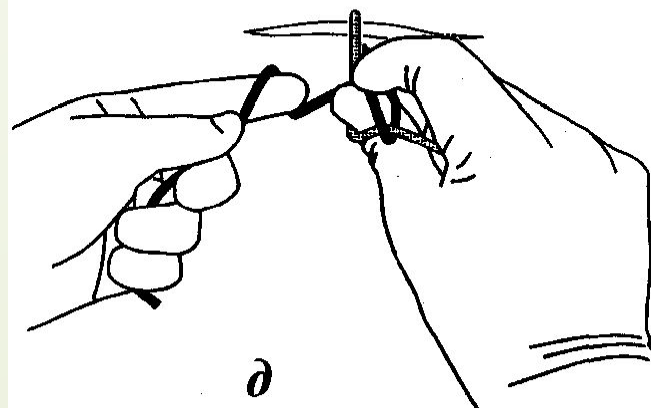
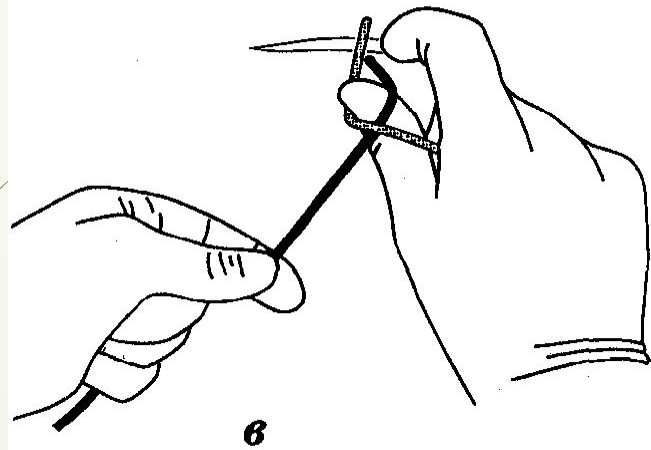
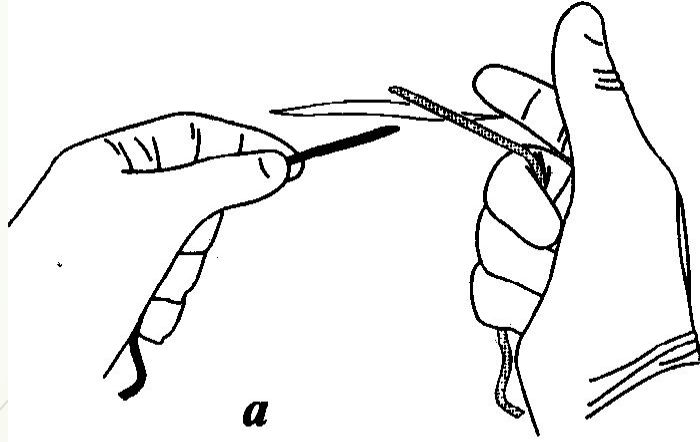


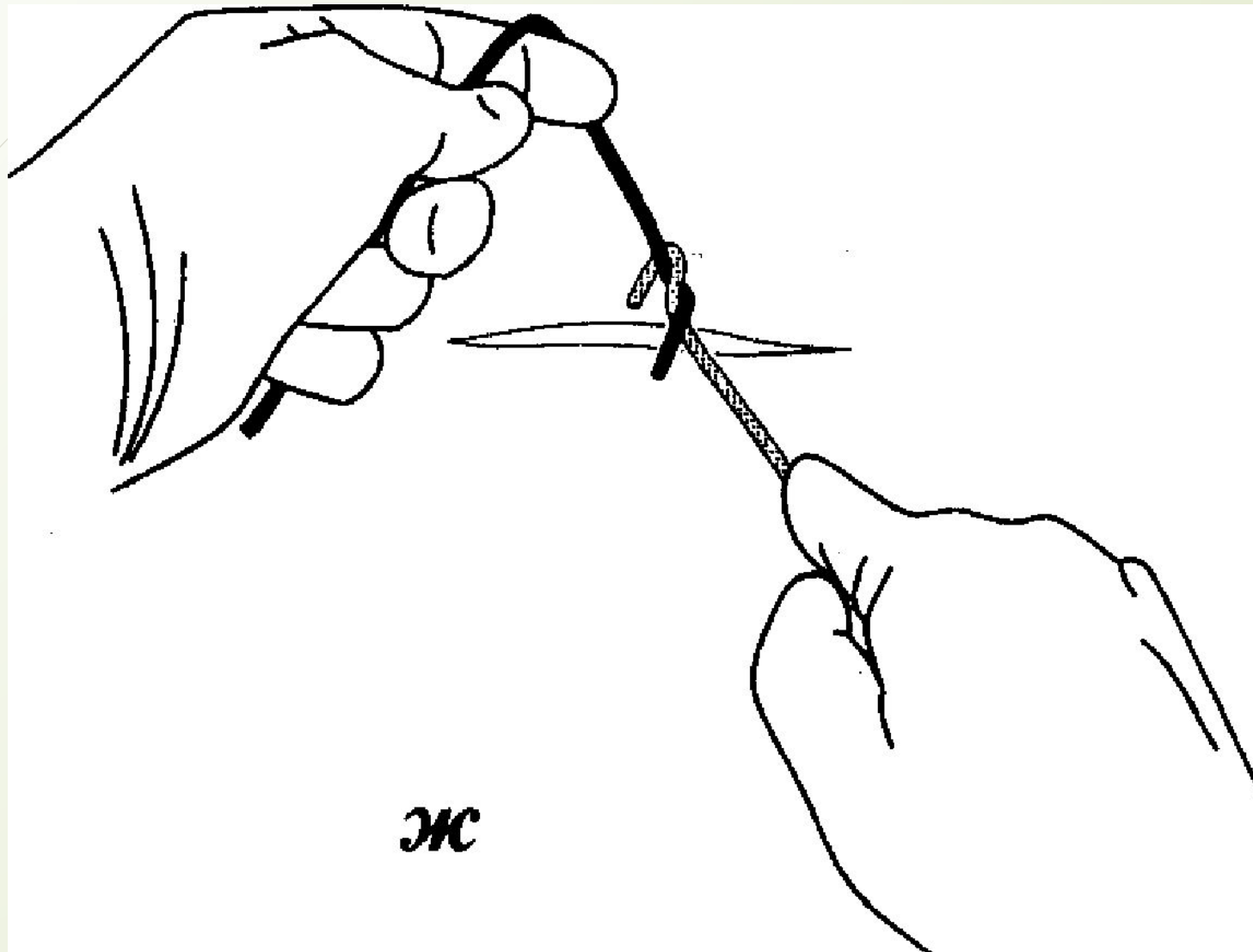


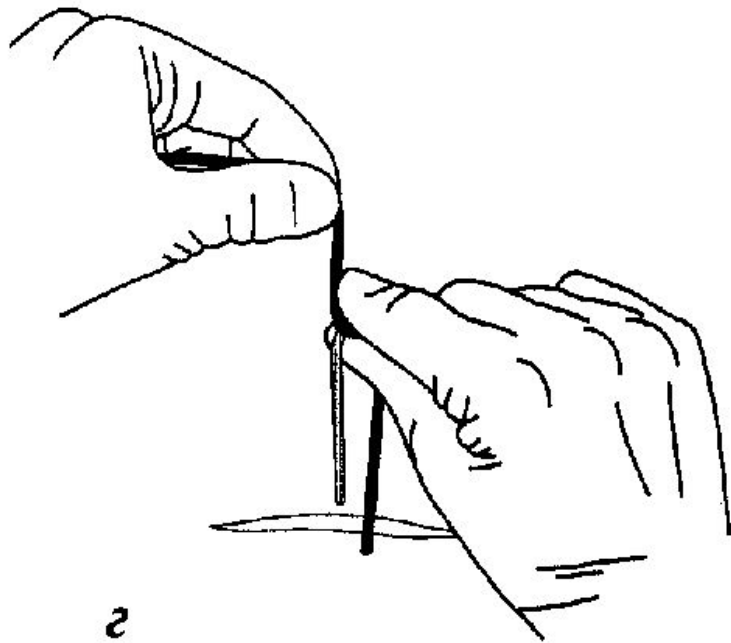
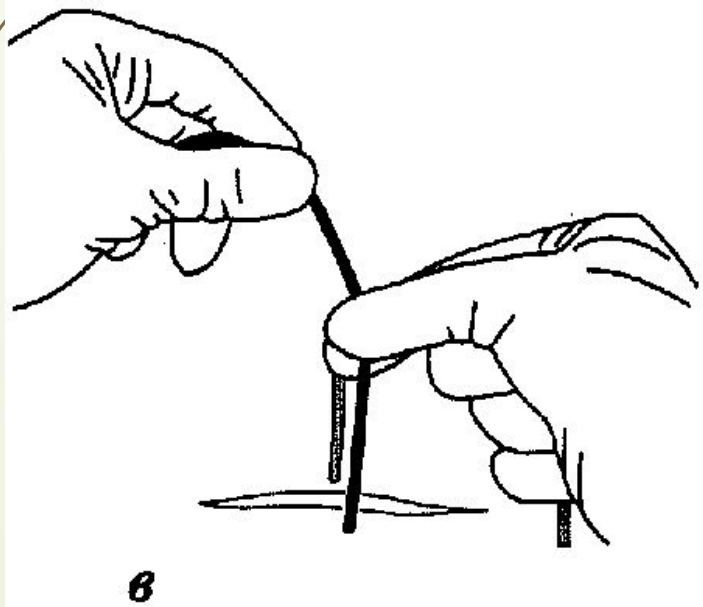
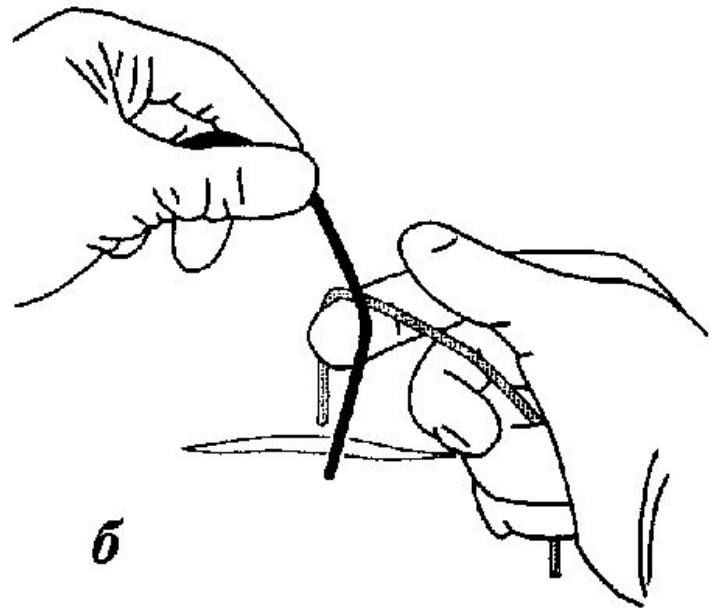
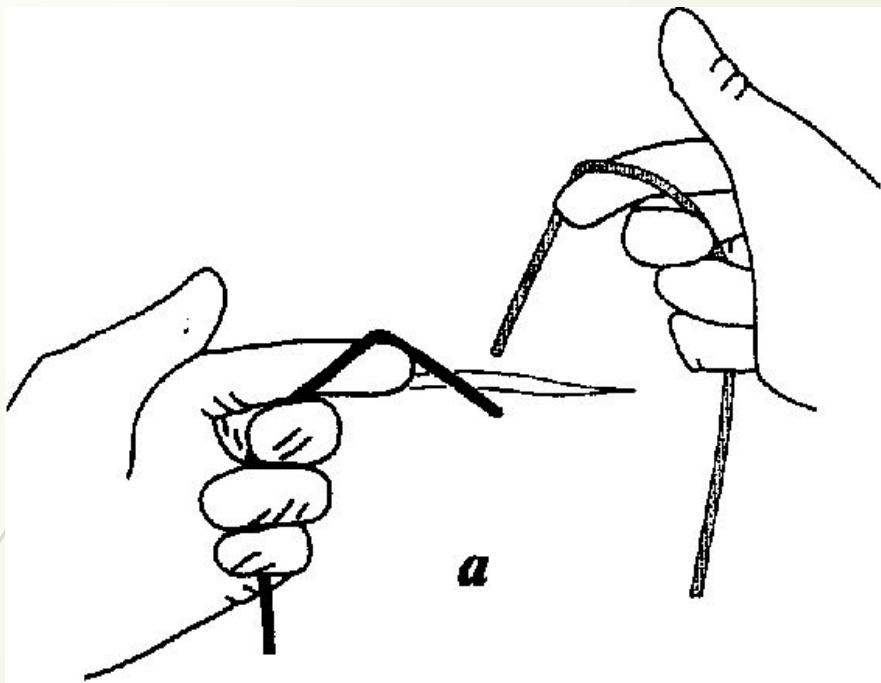


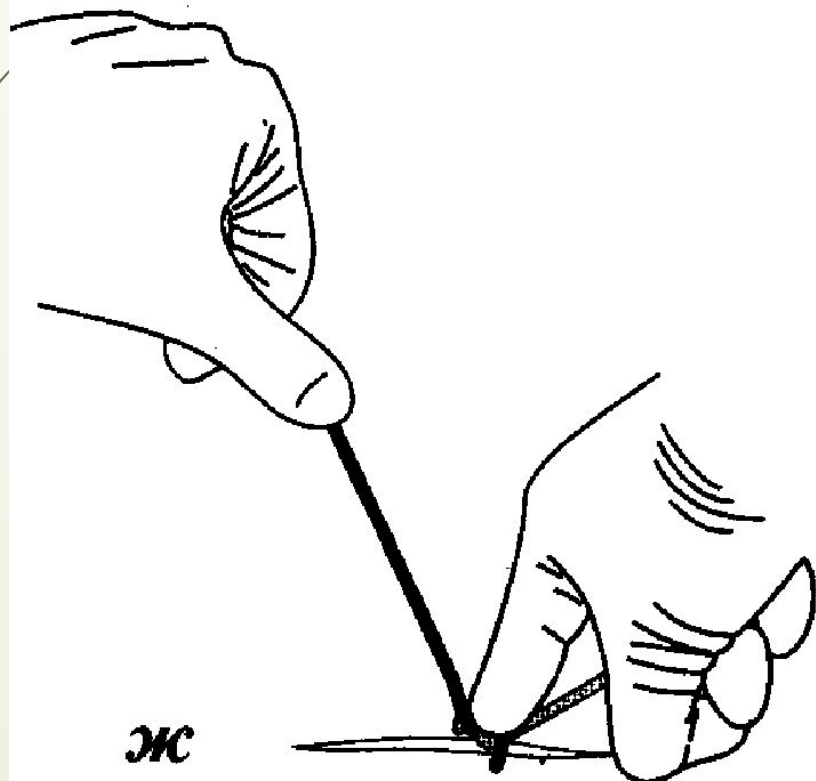
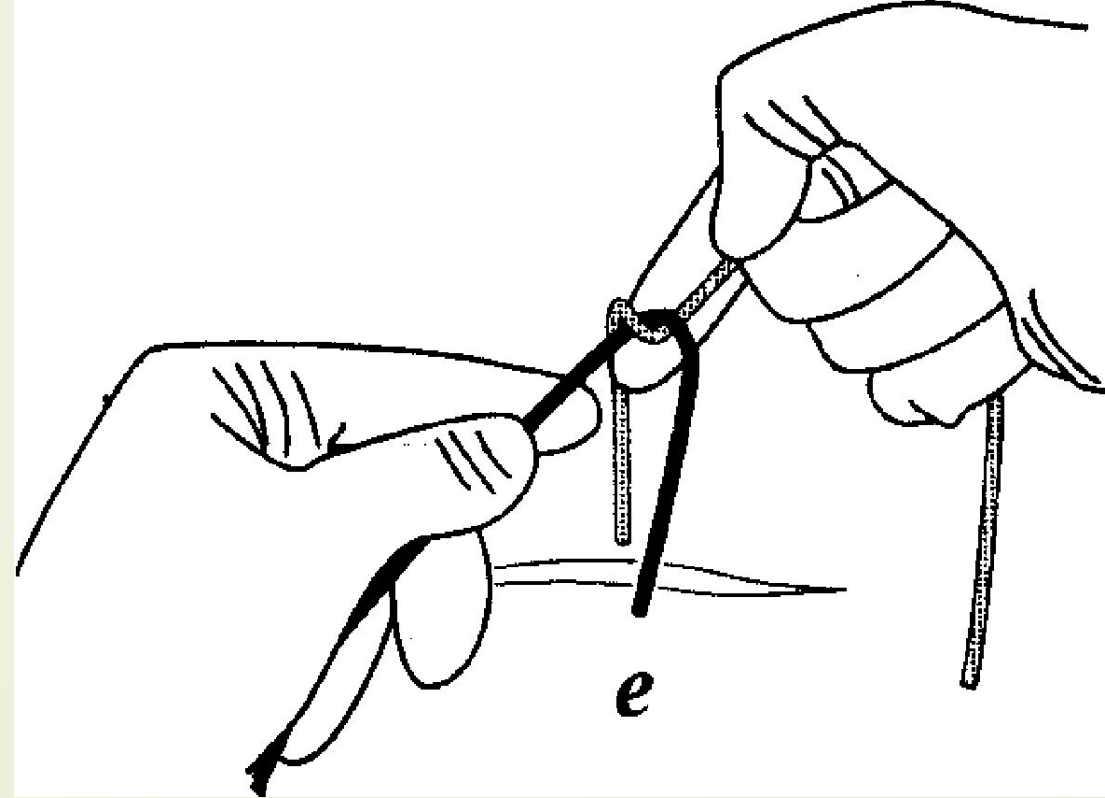
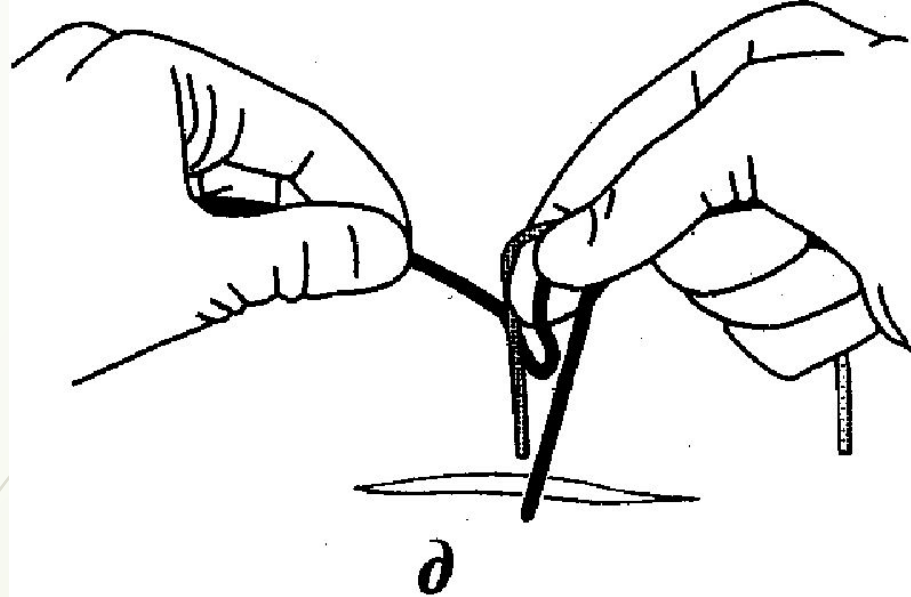
# ПЕРЕДНИЙ СПОСОБ









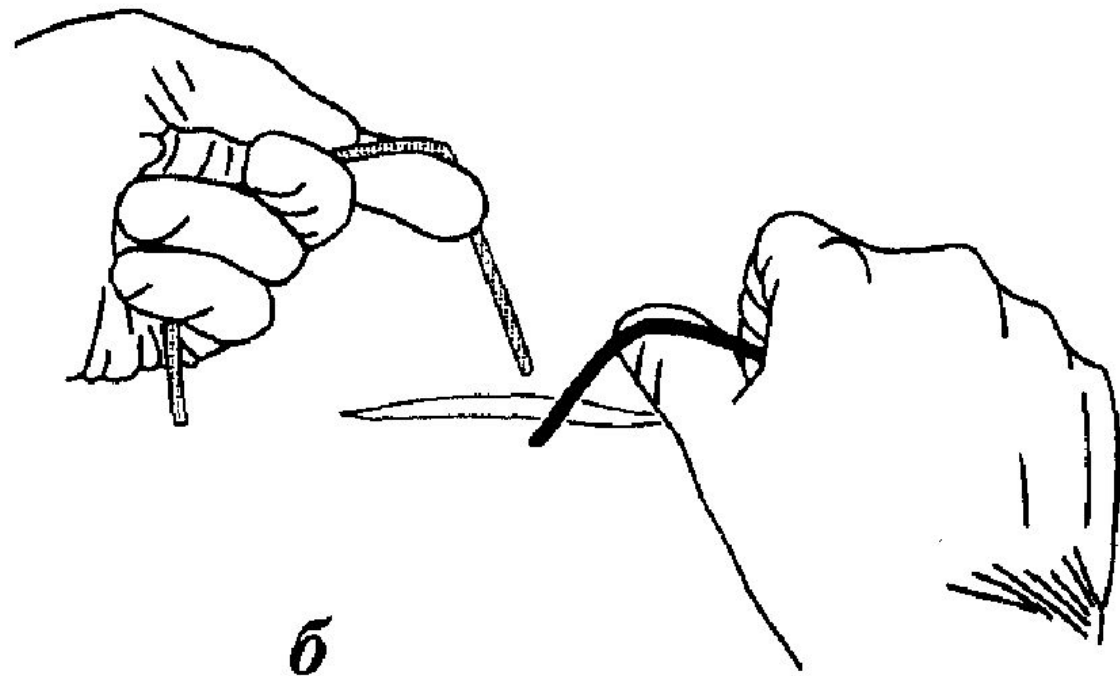
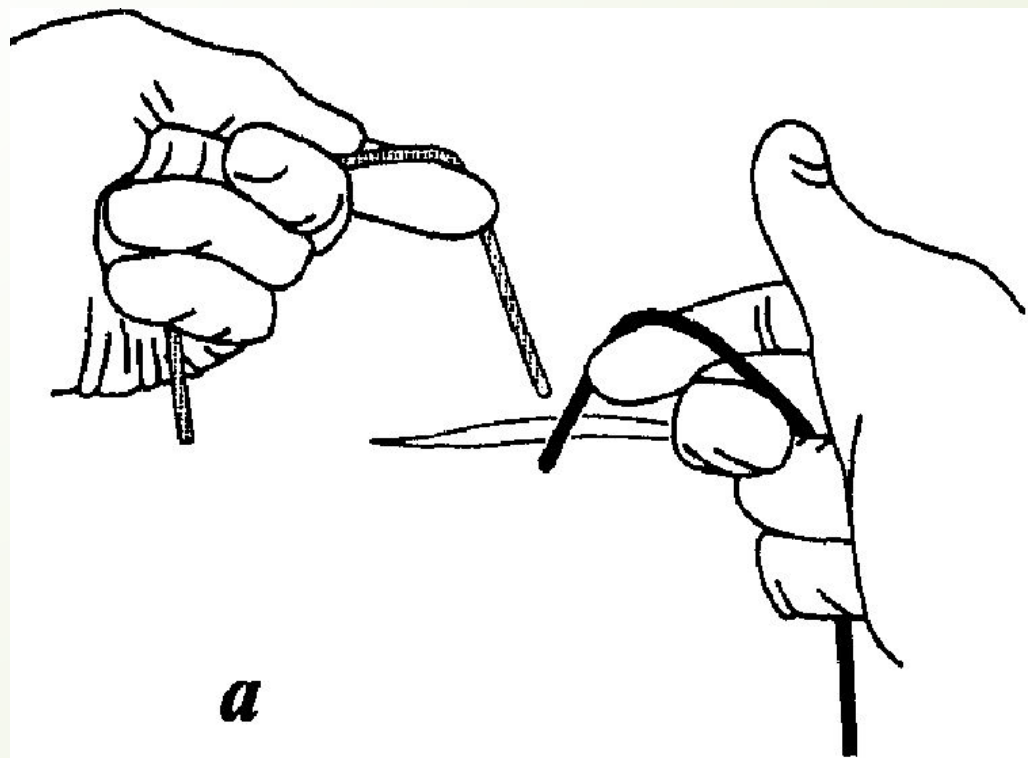


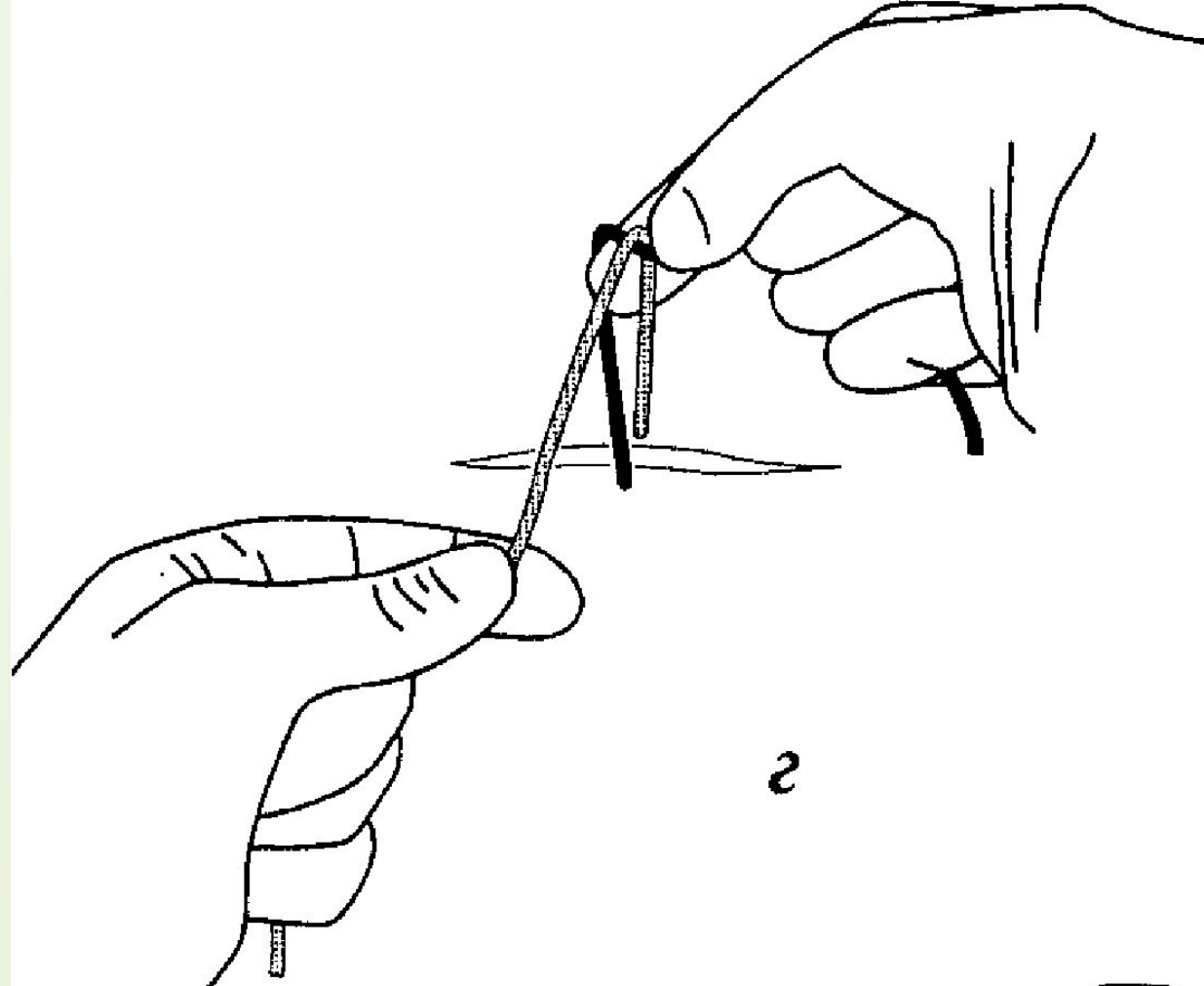
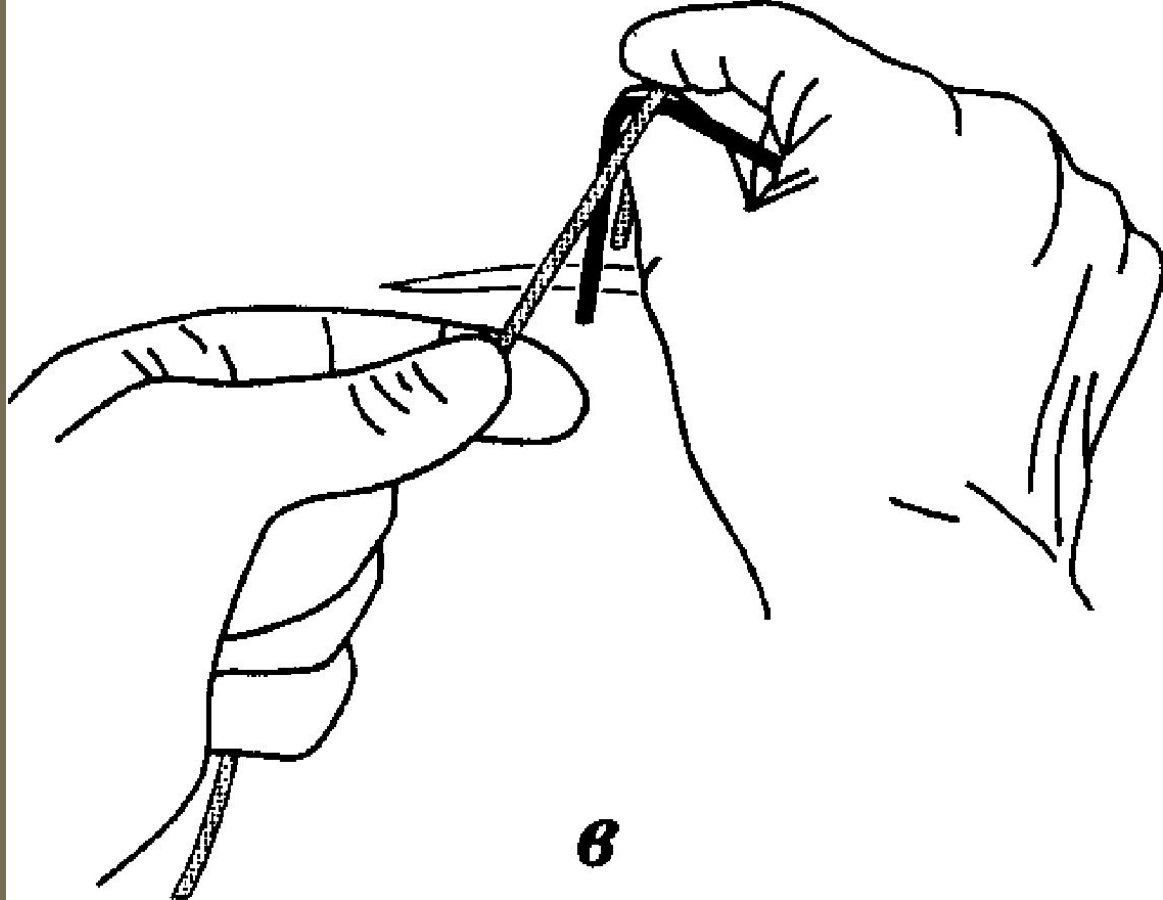


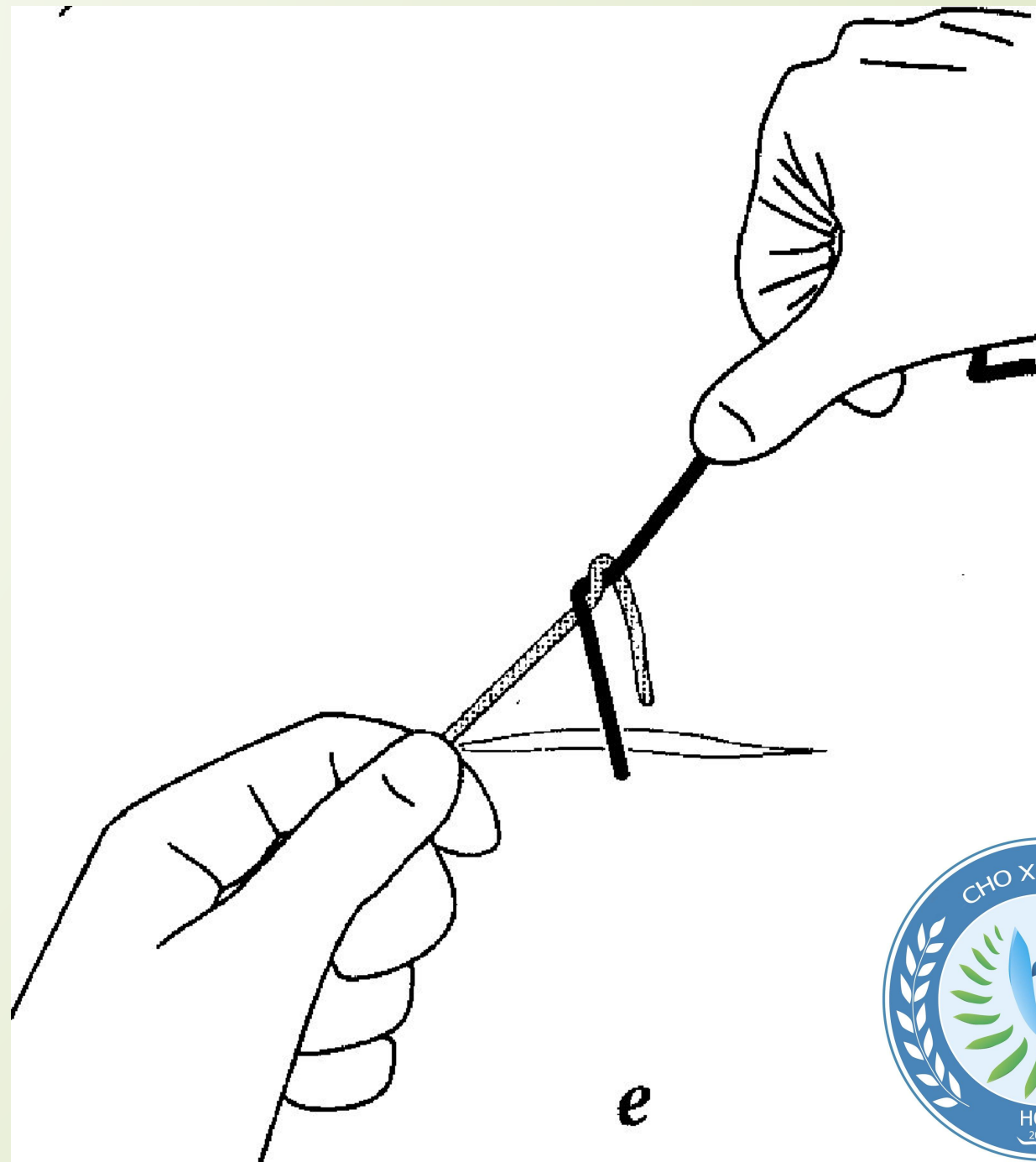
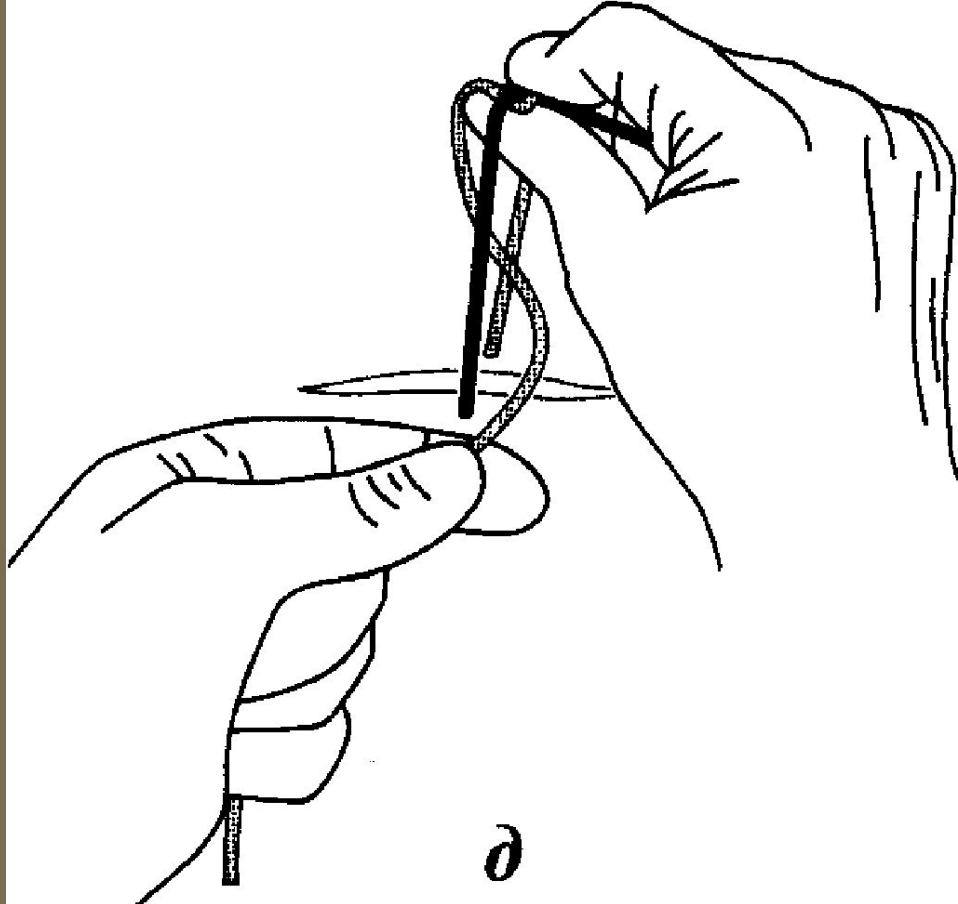


# ЗАДНИЙ СПОСОБ





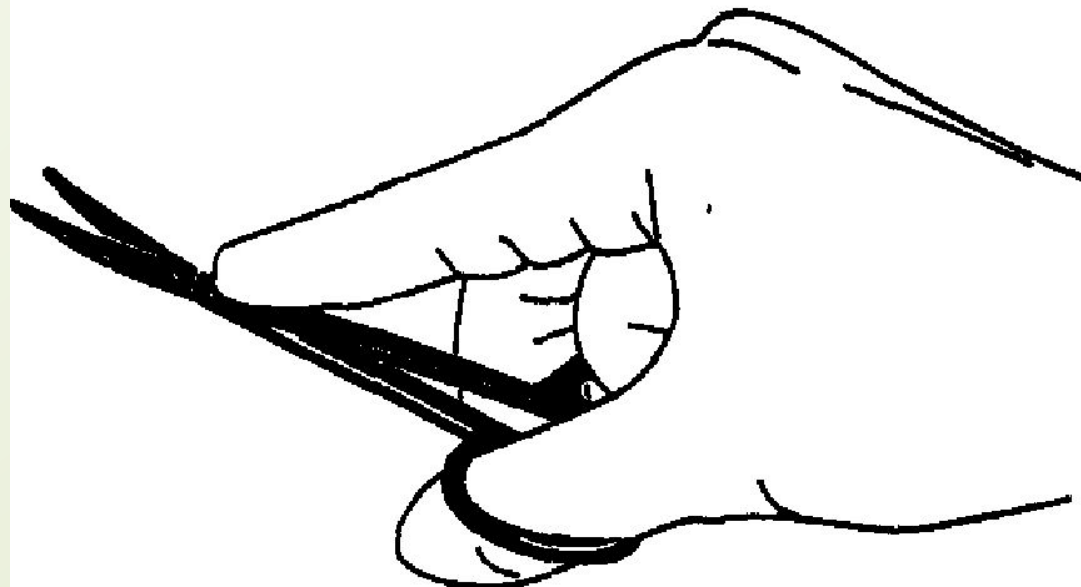
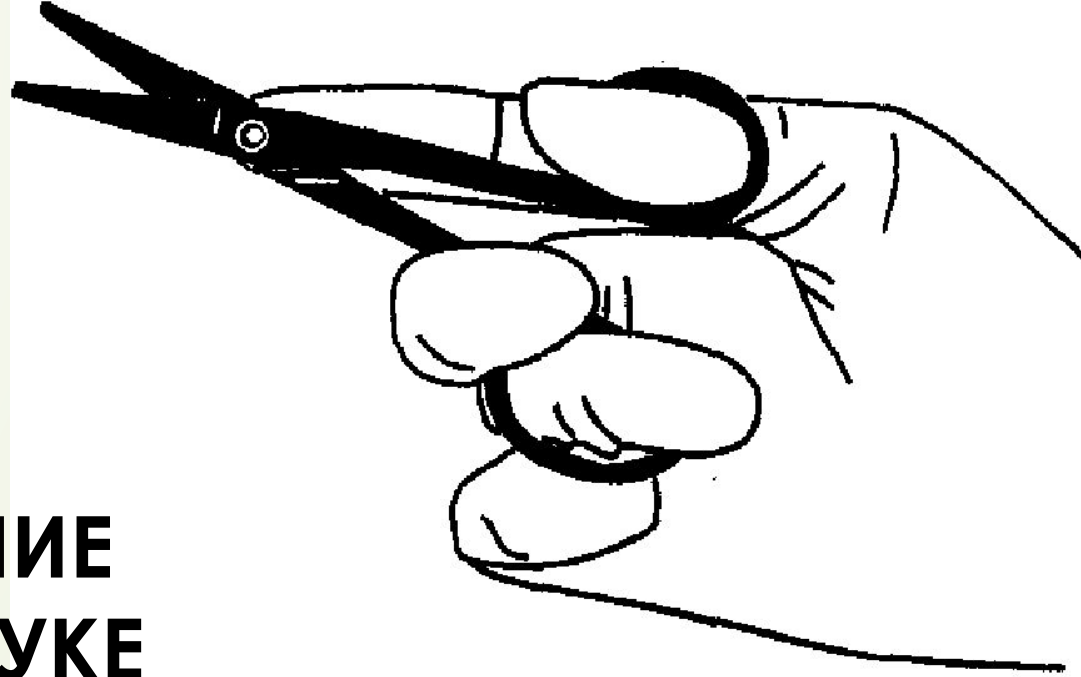




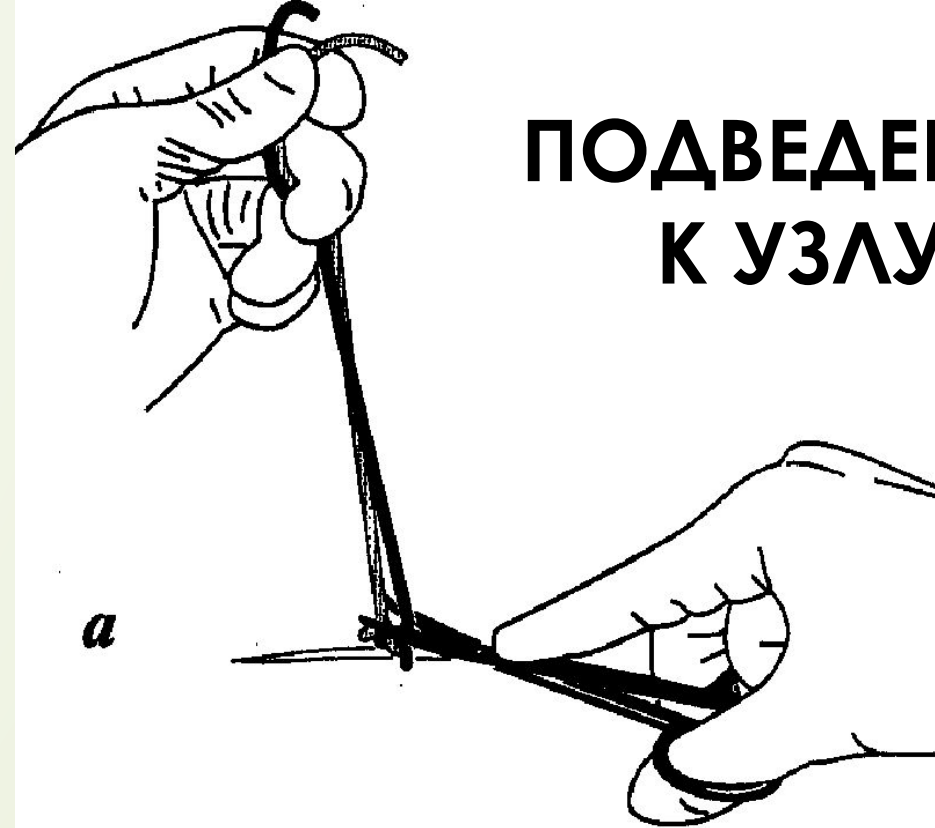
# СРЕЗЫВАНИЕ УЗЛА



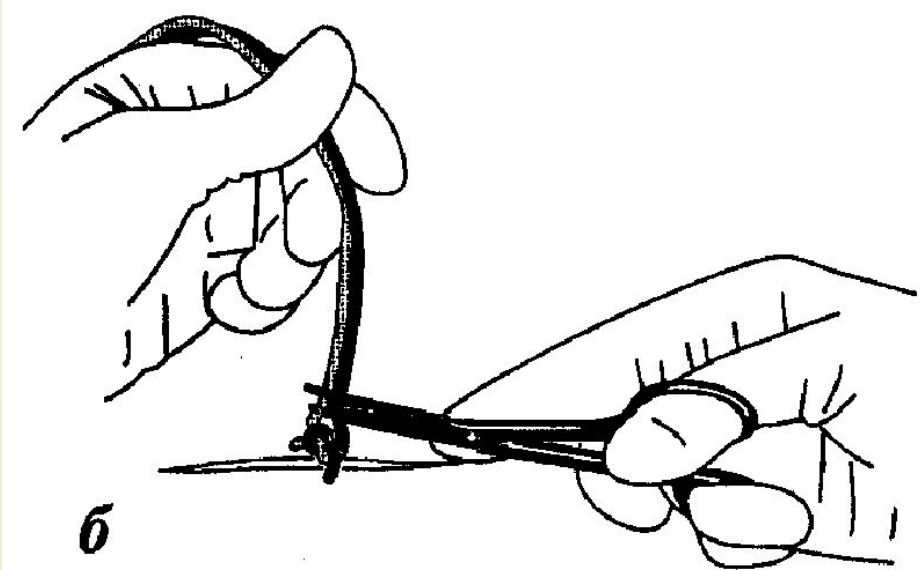
# УДЕРЖИВАНИЕ НОЖНИЦ В РУКЕ



# ПОДВЕДЕНИЕ К УЗЛУ



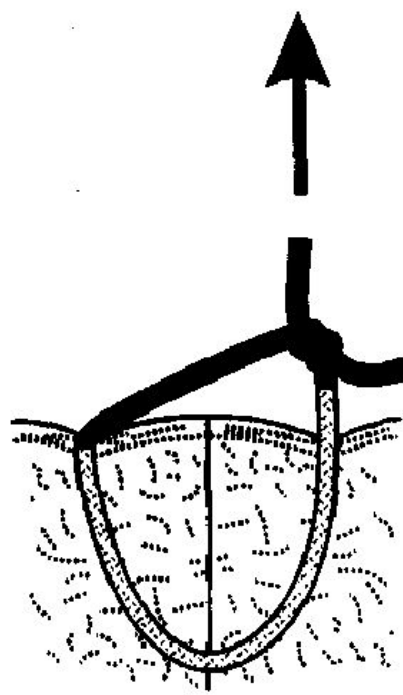
*a*



*б*

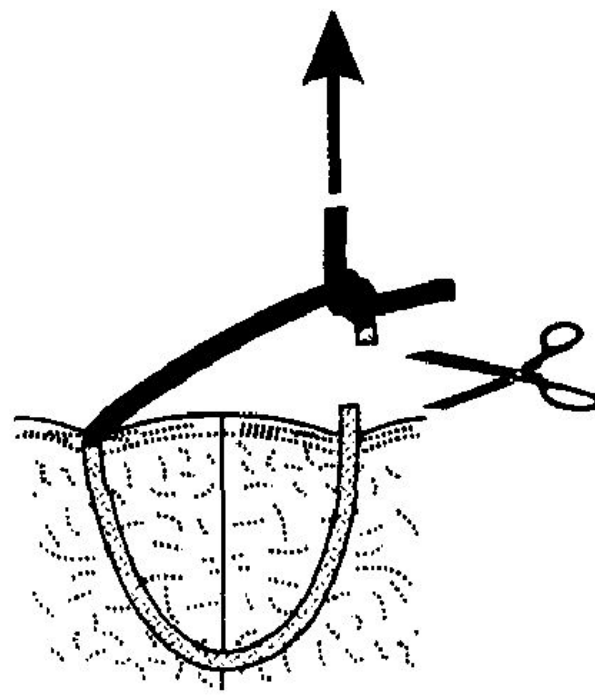
**НАКЛОН РАБОЧИХ  
ПОВЕРХНОСТЕЙ  
НОЖНИЦ**





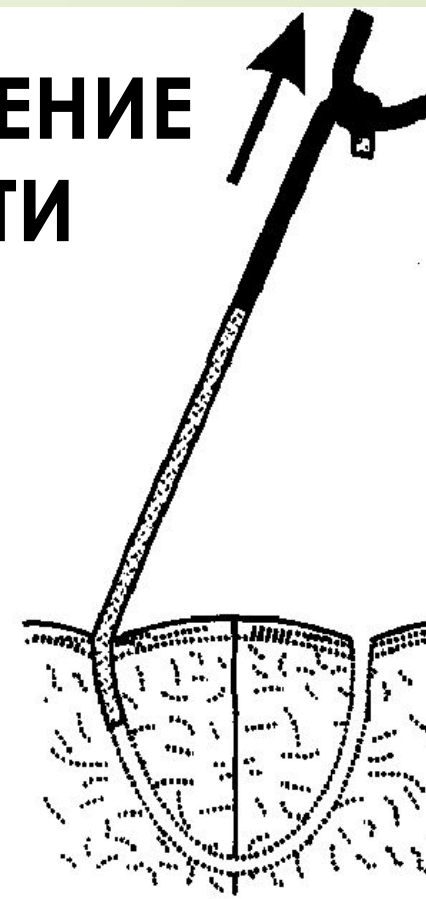
*a*

**ПОДТЯГИВАНИЕ  
НИТИ**



*б*

**МОМЕНТ  
СРЕЗЫВАНИЯ**



*в*

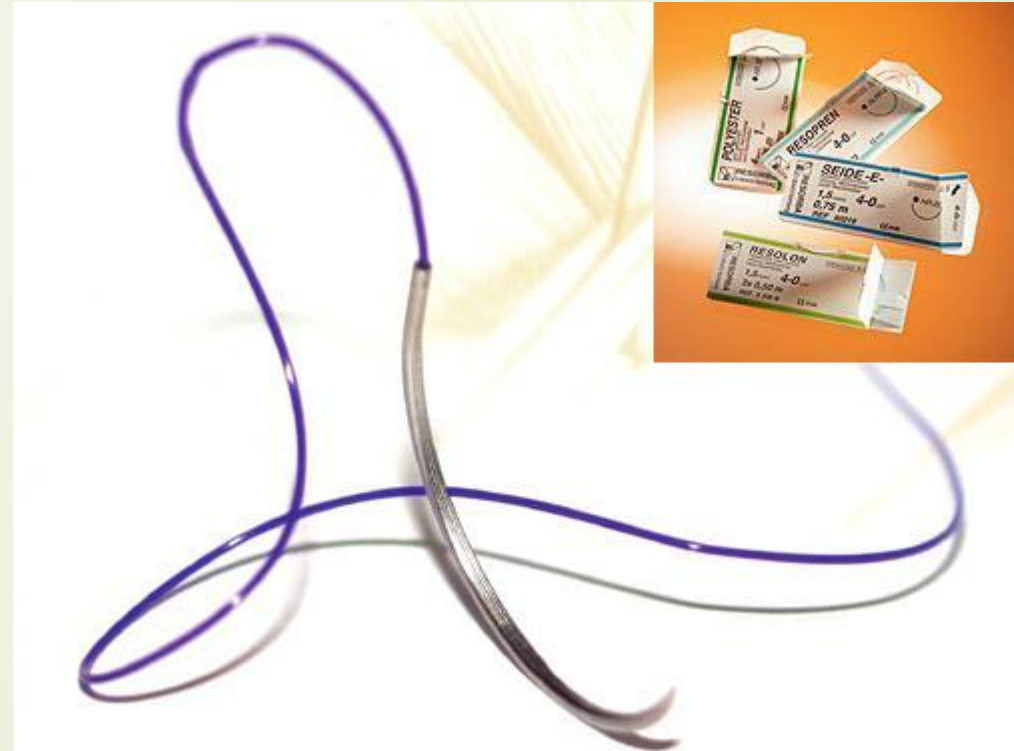
**УДАЛЕНИЕ  
НИТИ**

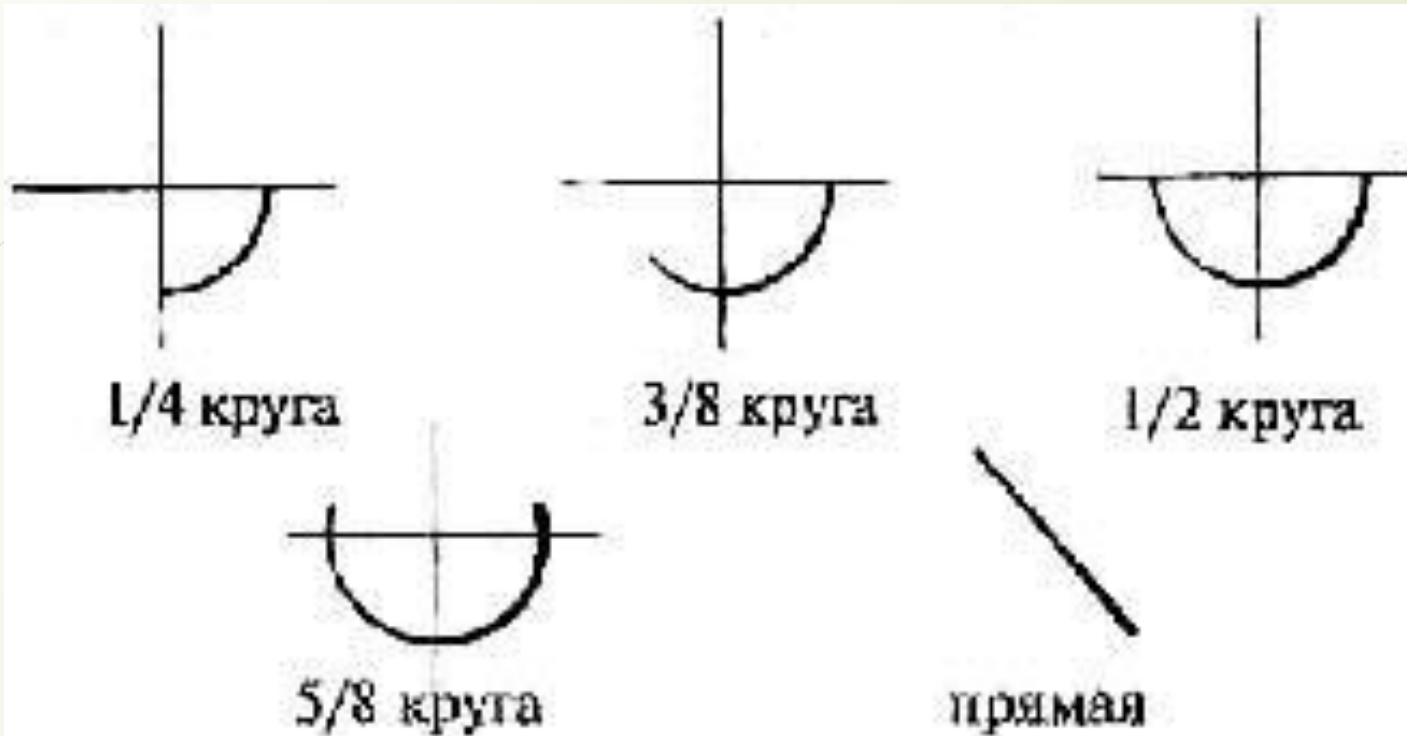






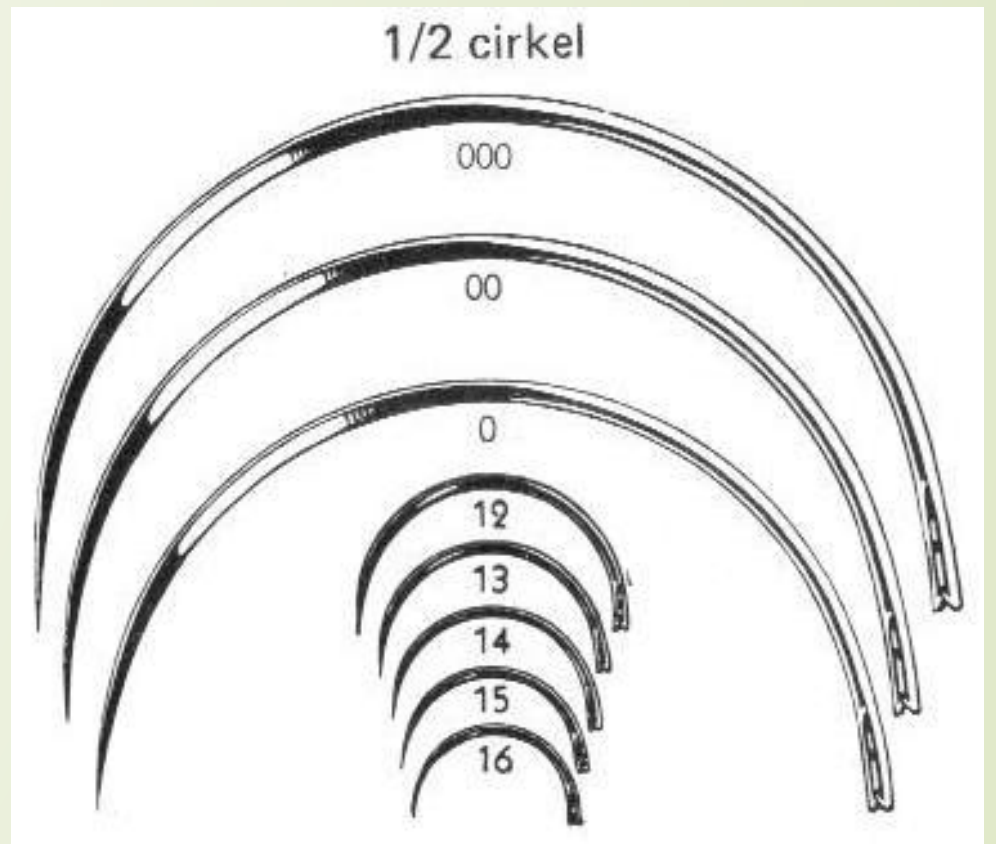
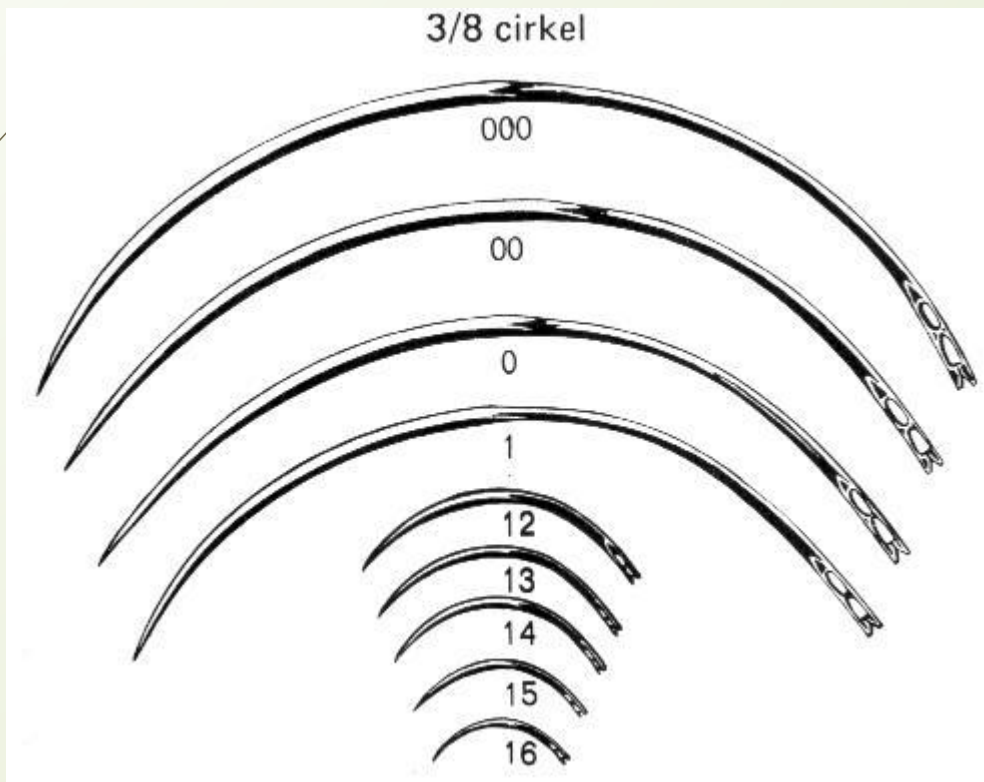
# ИГЛЫ

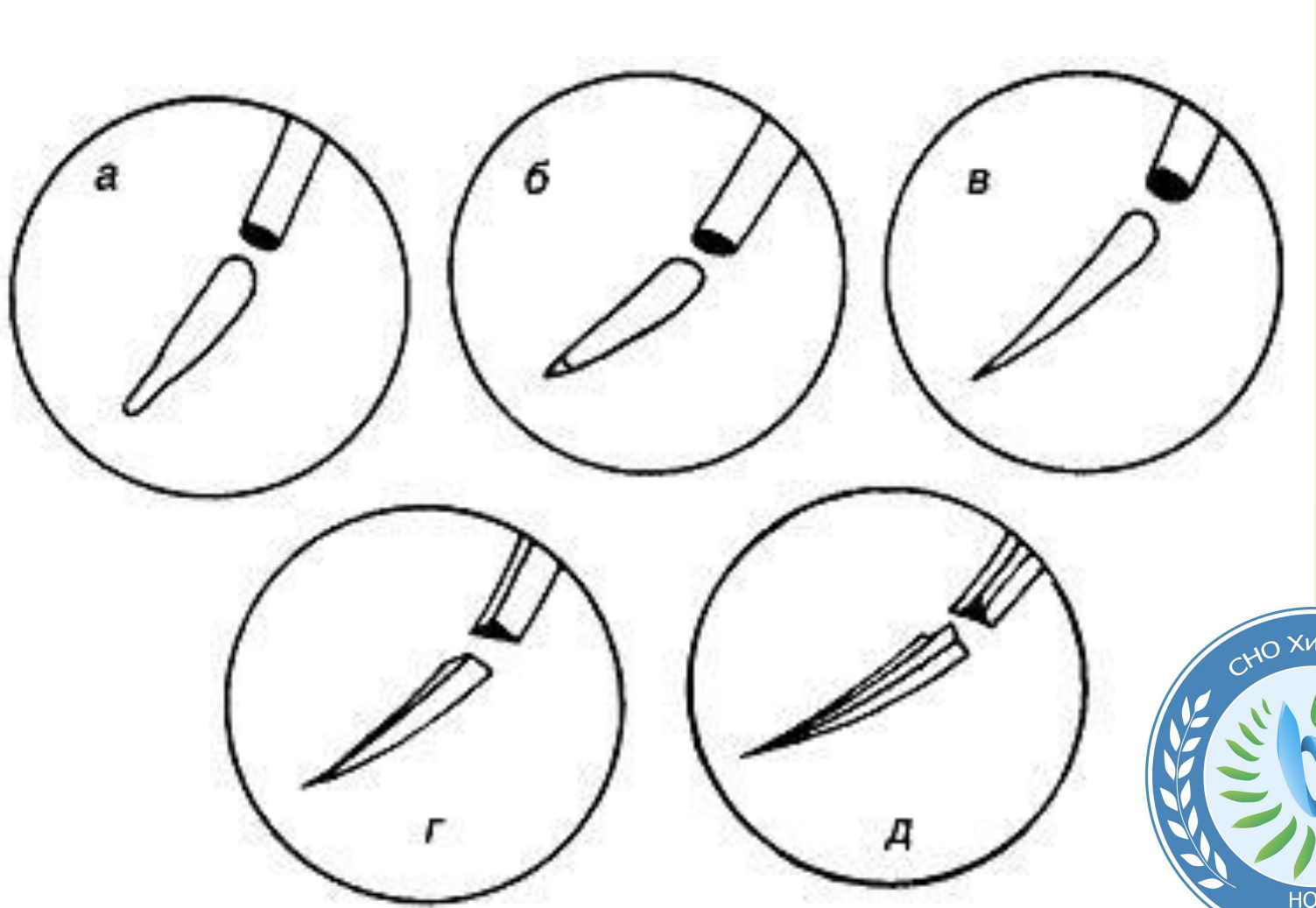
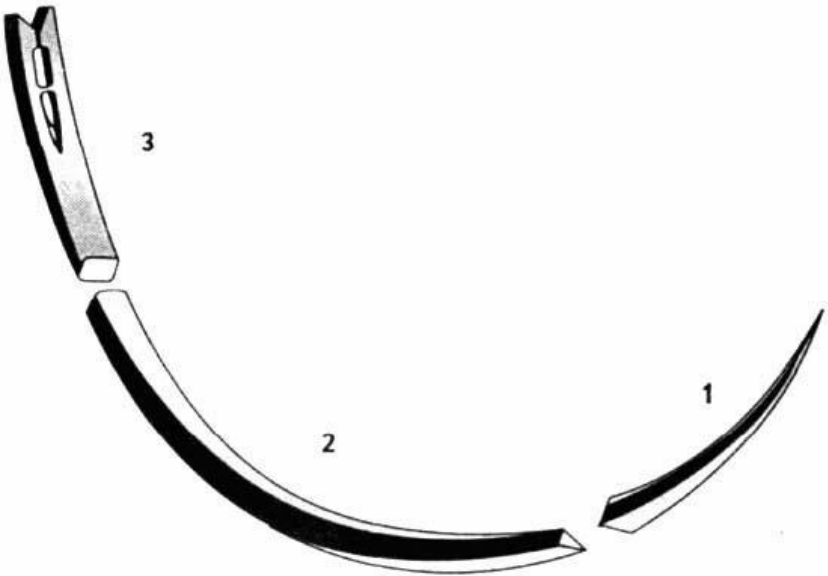




**Рис. 1.**  
**Атравматические иглы различной кривизны**







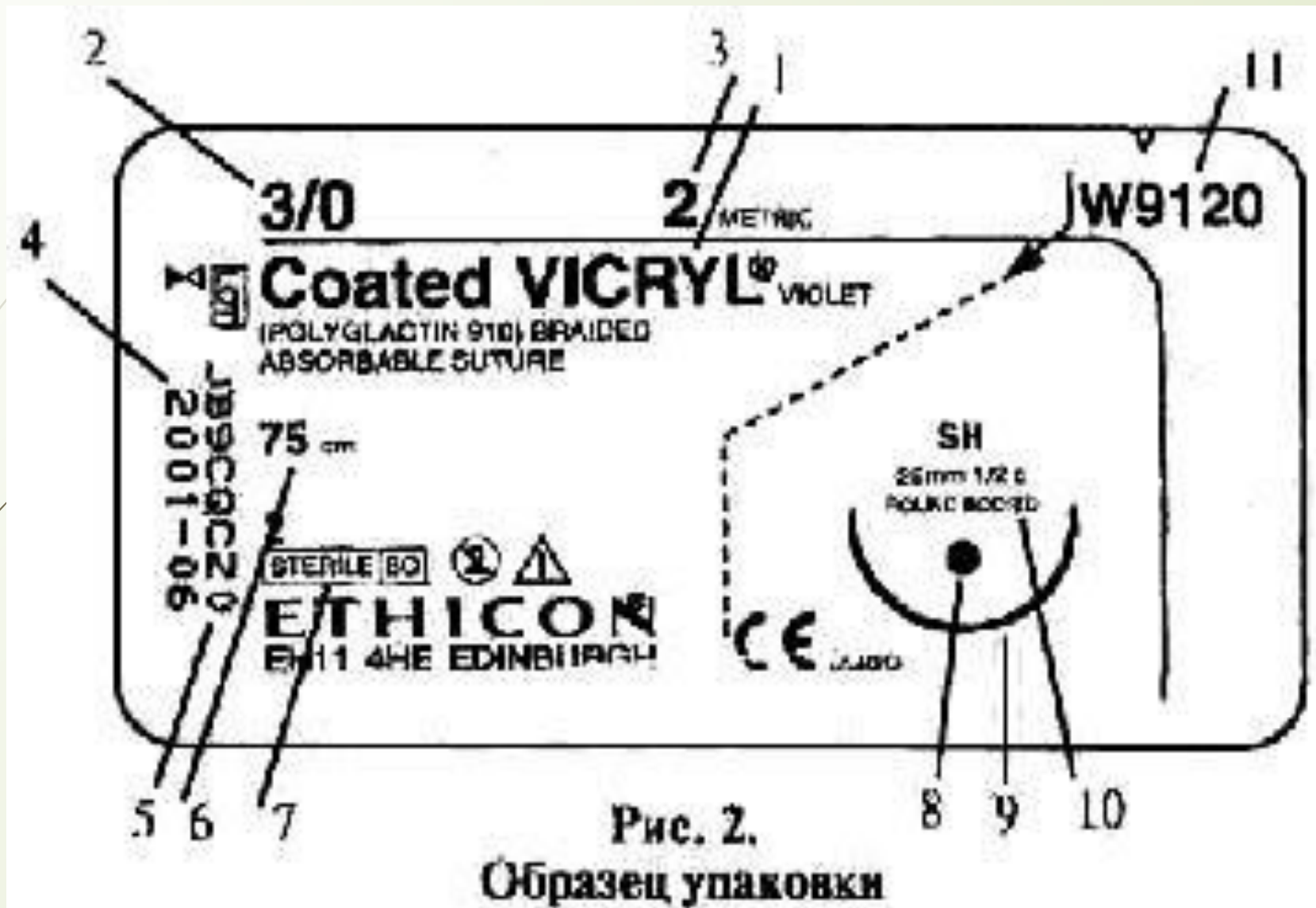
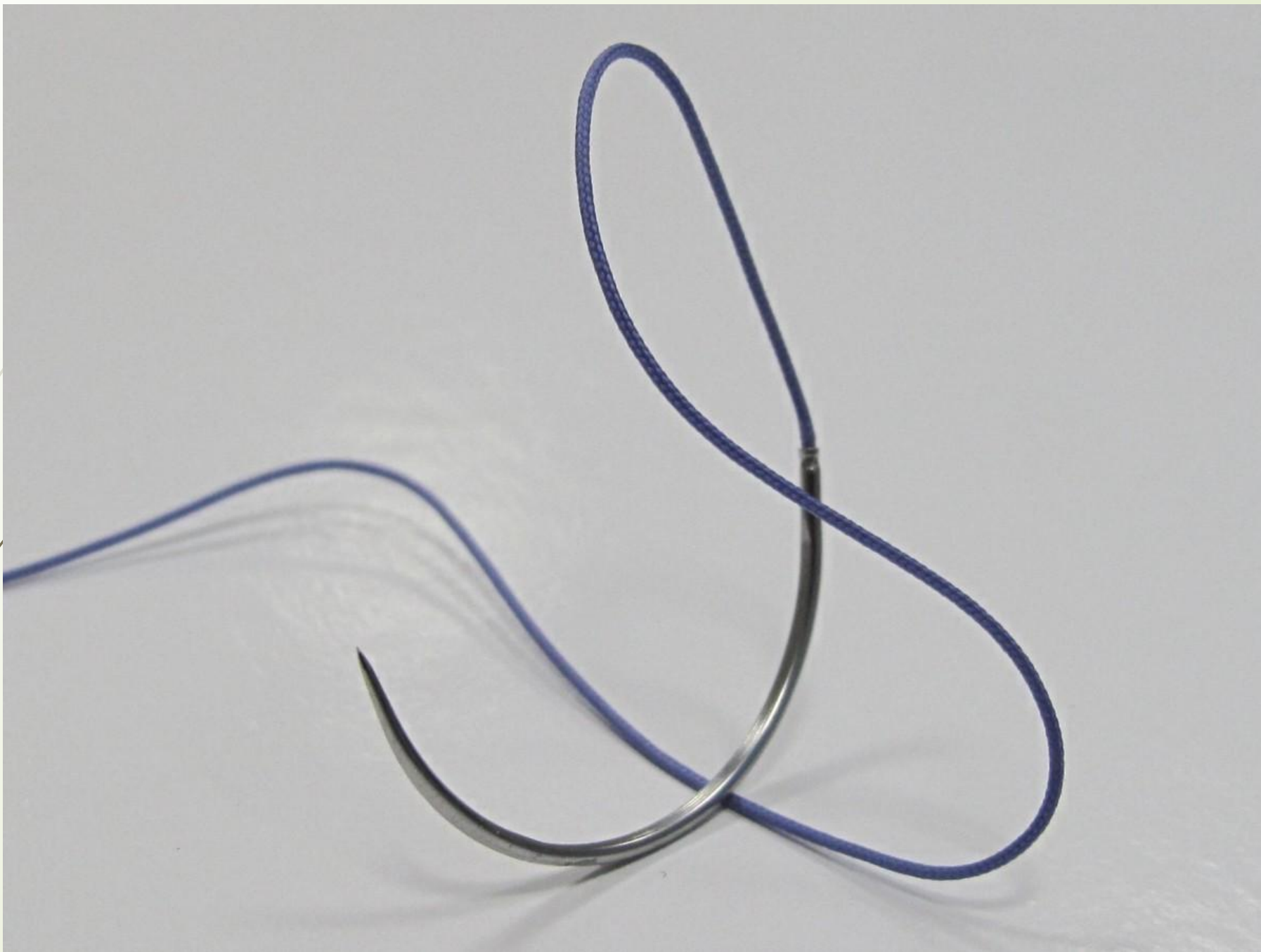
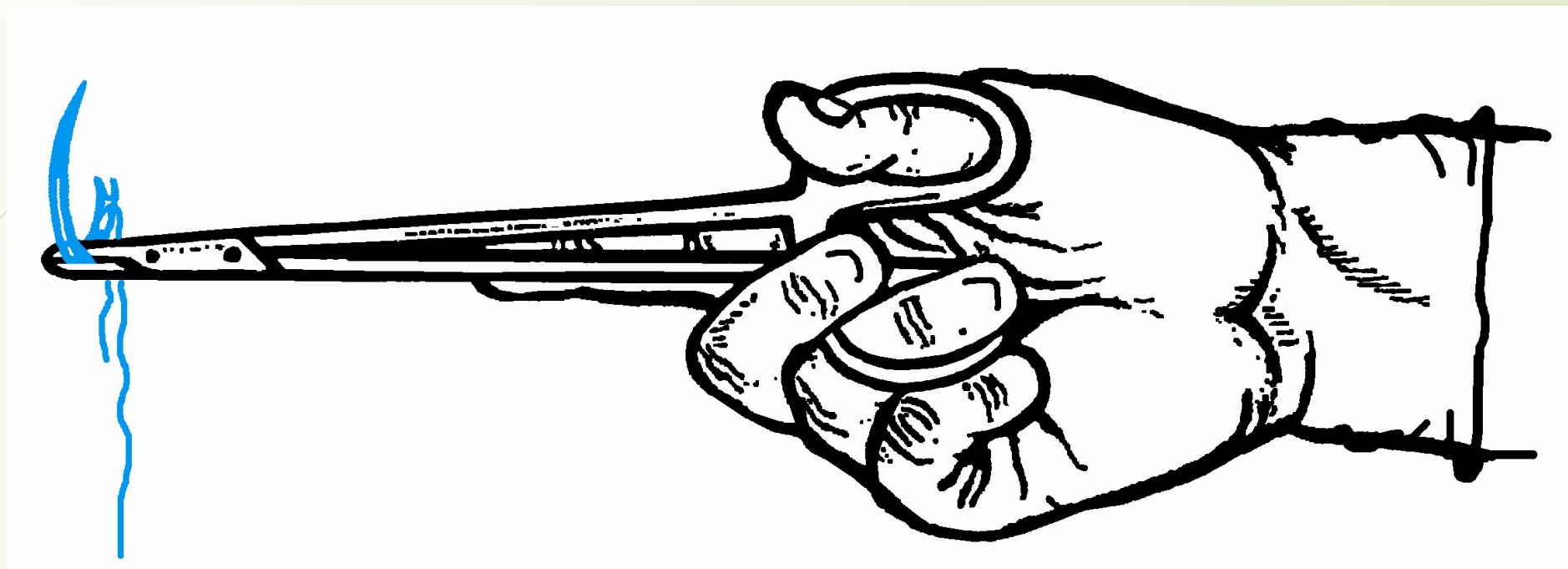


Рис. 2.  
Образец упаковки







**ЗАРЯЖЕННЫЙ  
ИГЛОДЕРЖАТЕЛЬ В РУКЕ**

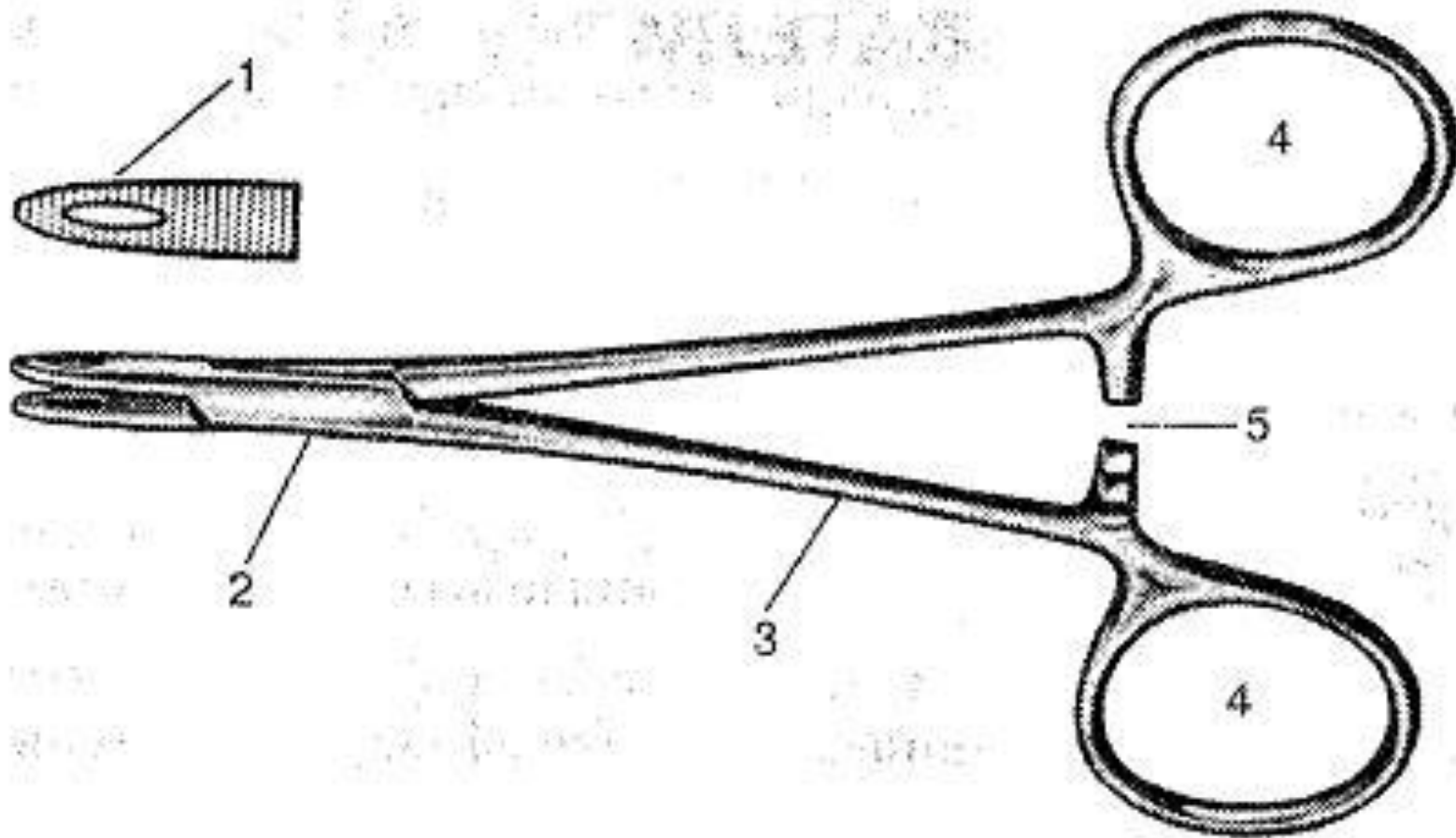
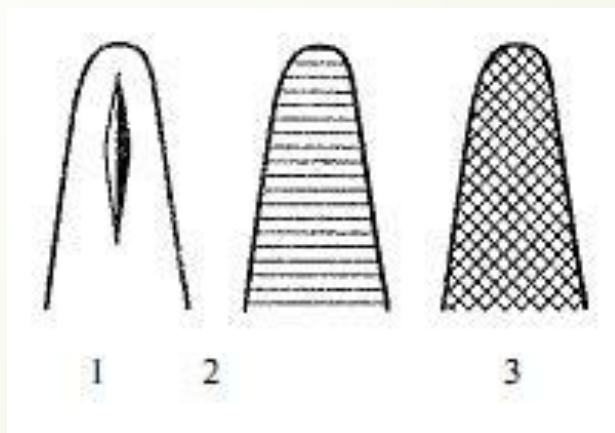




# ИГЛОДЕРЖАТЕЛИ



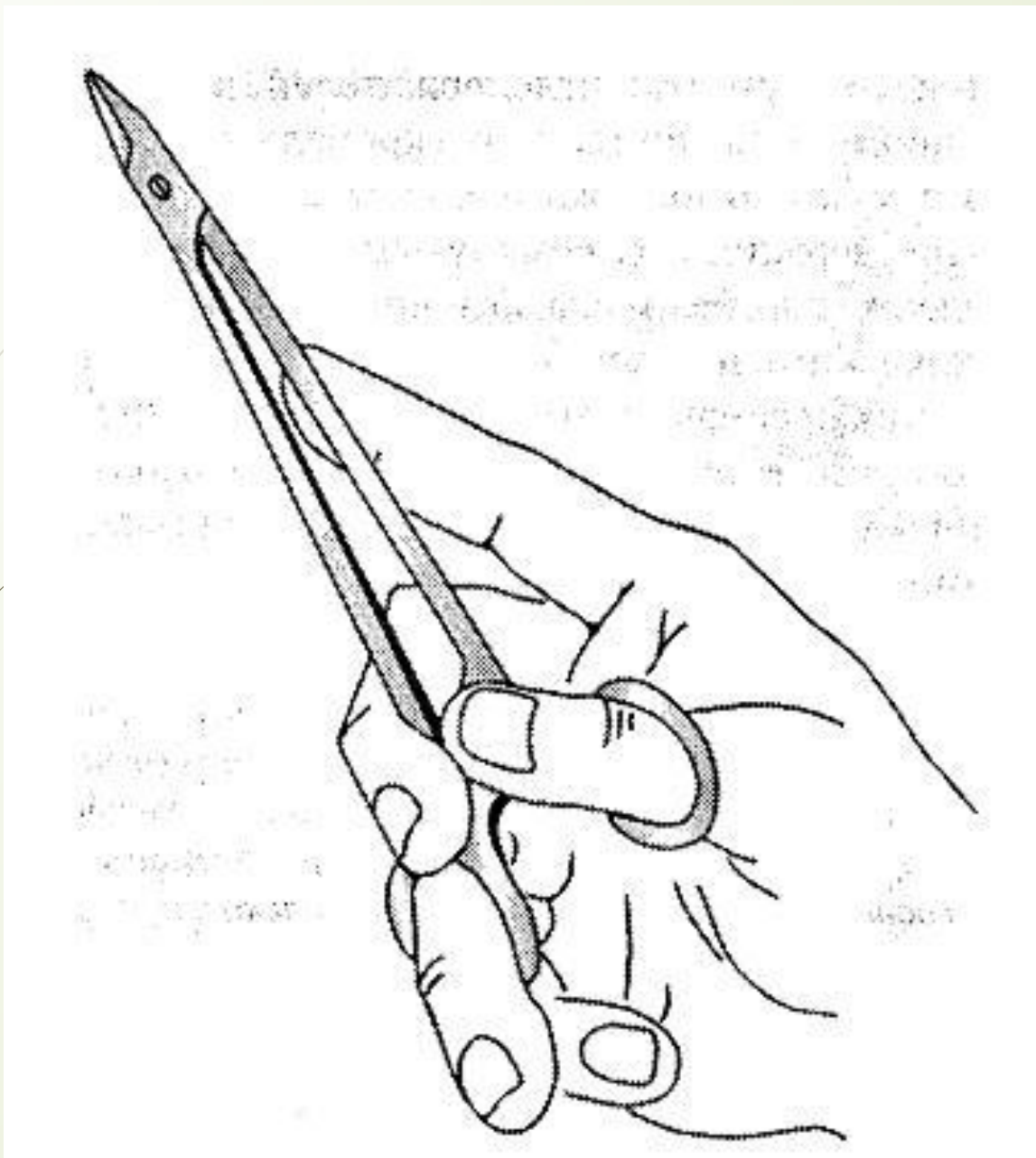




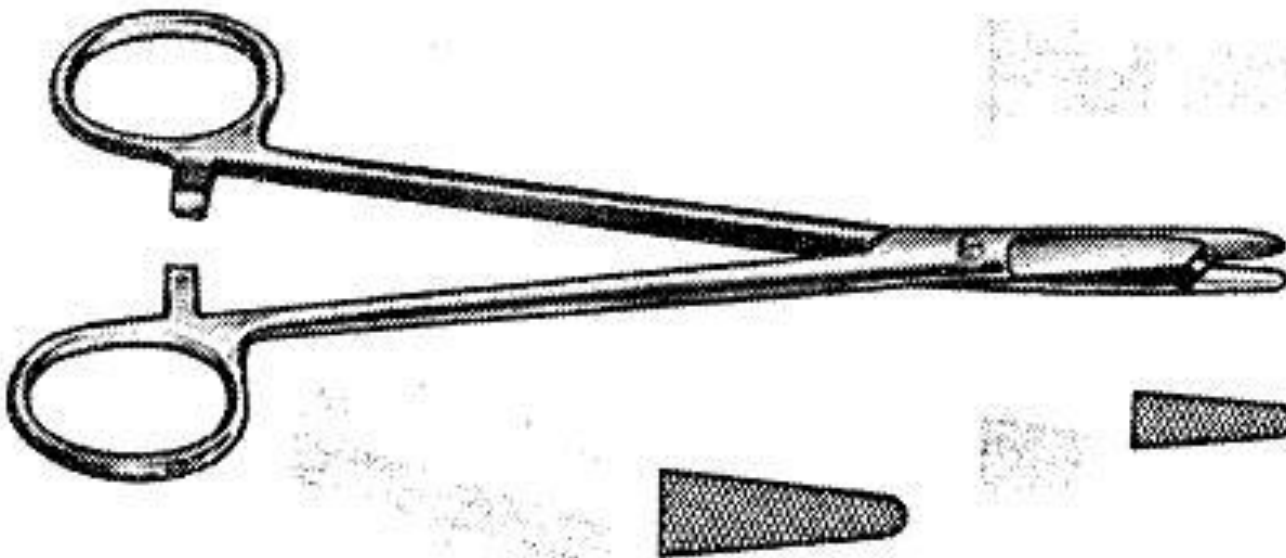
# СТРОЕНИЕ



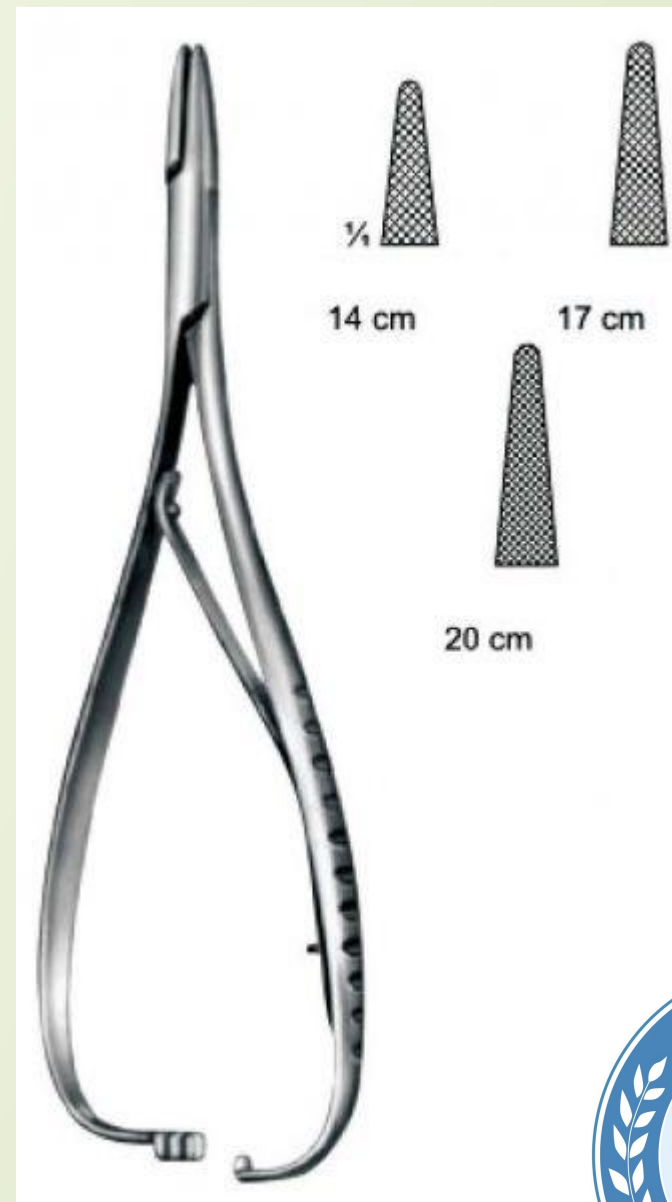
# ПОЛОЖЕНИЕ В РУКЕ ХИРУРГА



# ГЕГАРА



# МАТЬЕ

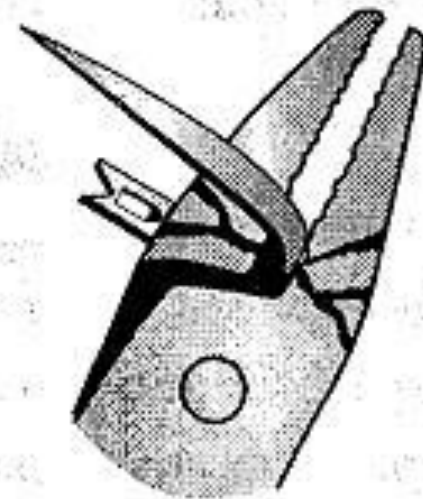
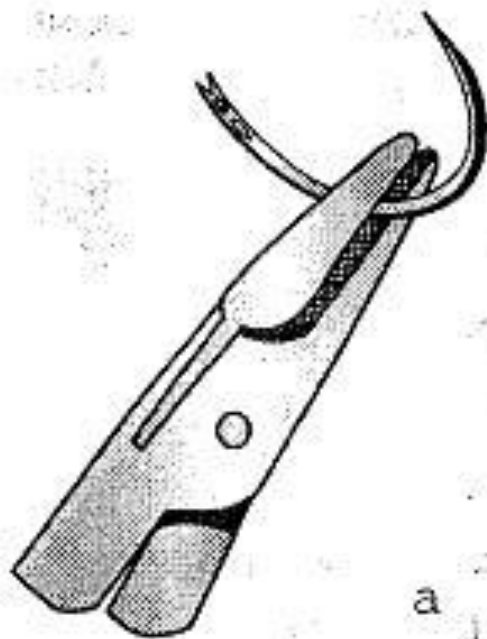




# МИКРОХИРУРГИЧЕСКИЙ ЯКОБСОНА



# ПОЛОЖЕНИЕ ИГЛЫ В ИГЛОДЕРЖАТЕЛЕ





# ПИНЦЕТЫ





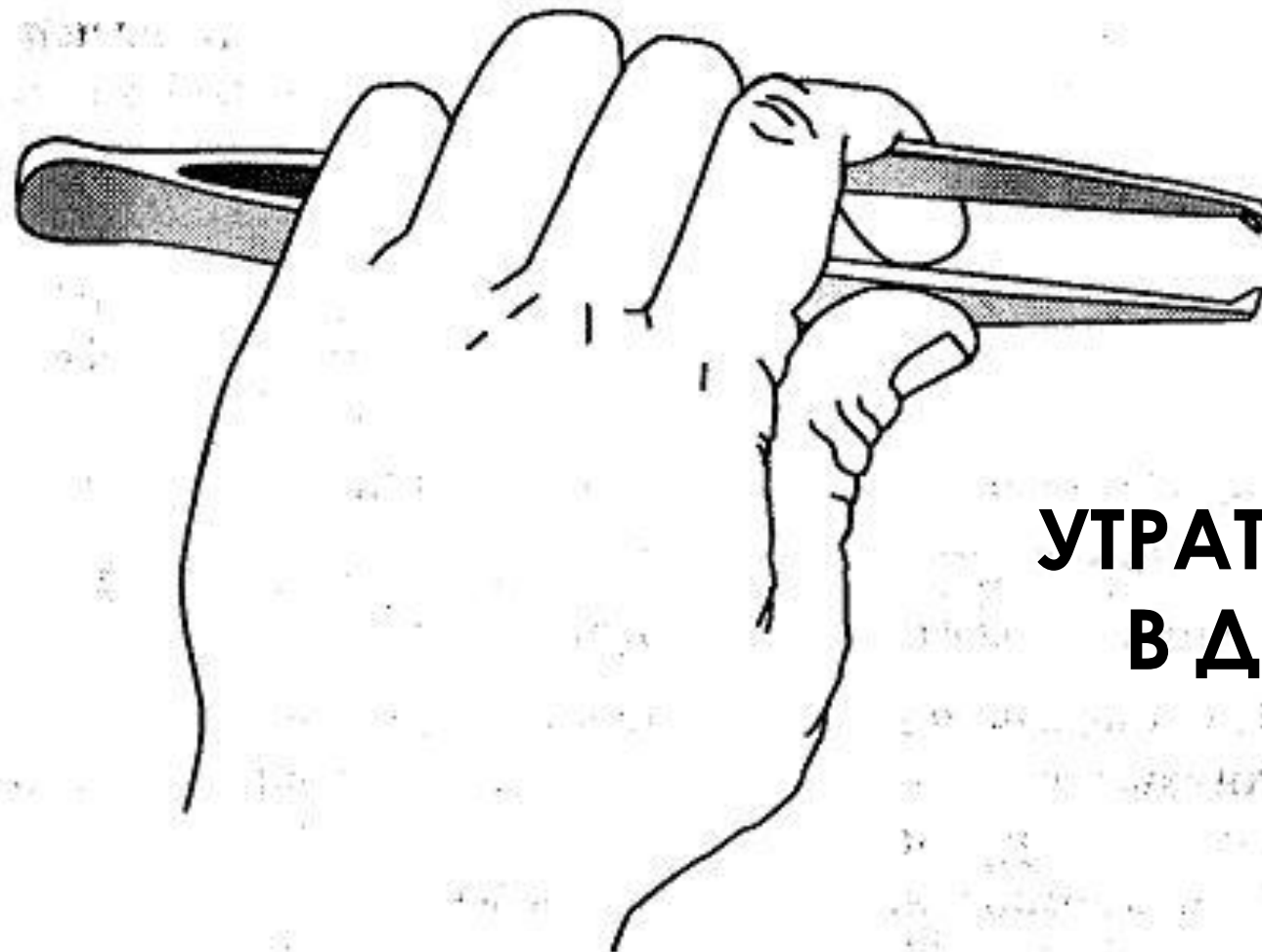
ПРАВИЛЬНО

НЕПРАВИЛЬНО

# ПОЛОЖЕНИЕ В РУКЕ ХИРУРГА







## УТРАТА ТОЧНОСТИ В ДВИЖЕНИЯХ

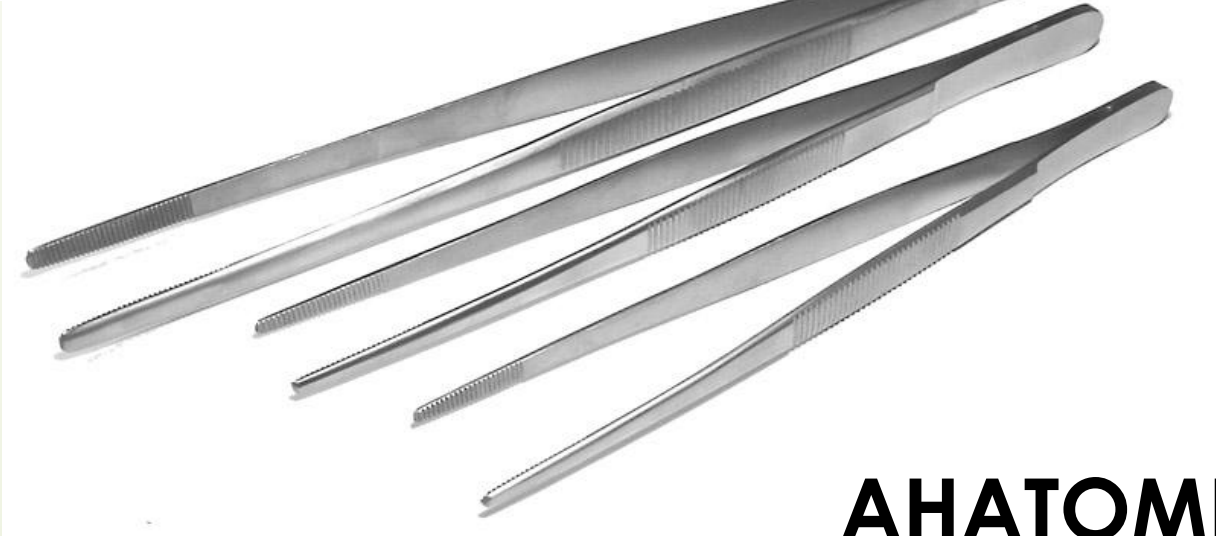


# ИСПОЛЬЗОВАНИЕ ВСЕЙ РАБОЧЕЙ ПОВЕРХНОСТИ





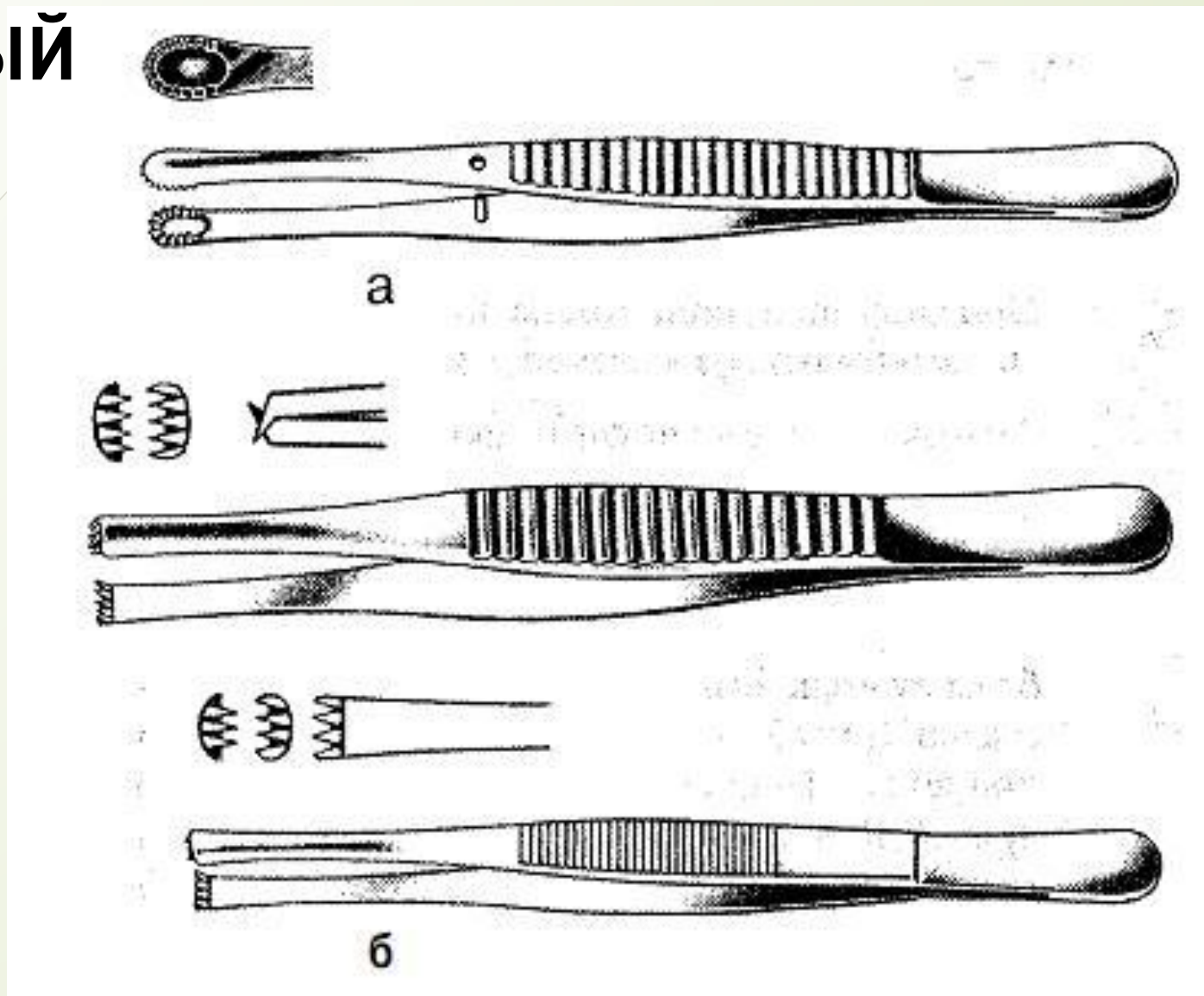
**ХИРУРГИЧЕСКИЙ**



**АНАТОМИЧЕСКИЙ**



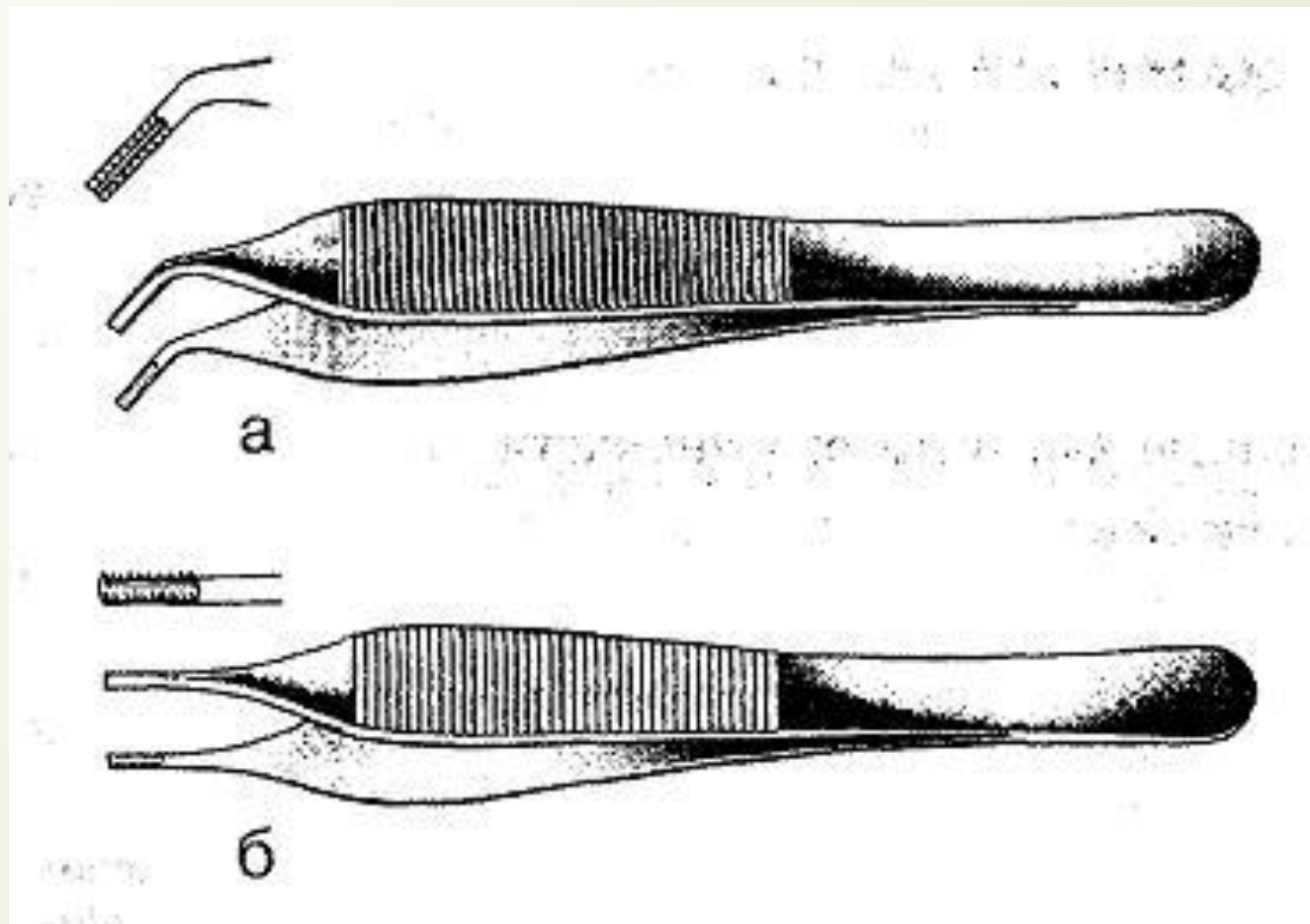
# ЗУБЧАТО- ЛАПЧАТЫЙ ОТТА




## ПЛОСКИЕ ЗУБЧАТО- ЛАПЧАТЫЕ



# МИКРОХИРУРГИЧЕСКИЕ: ИЗОГНУТЫЙ И ПРЯМОЙ

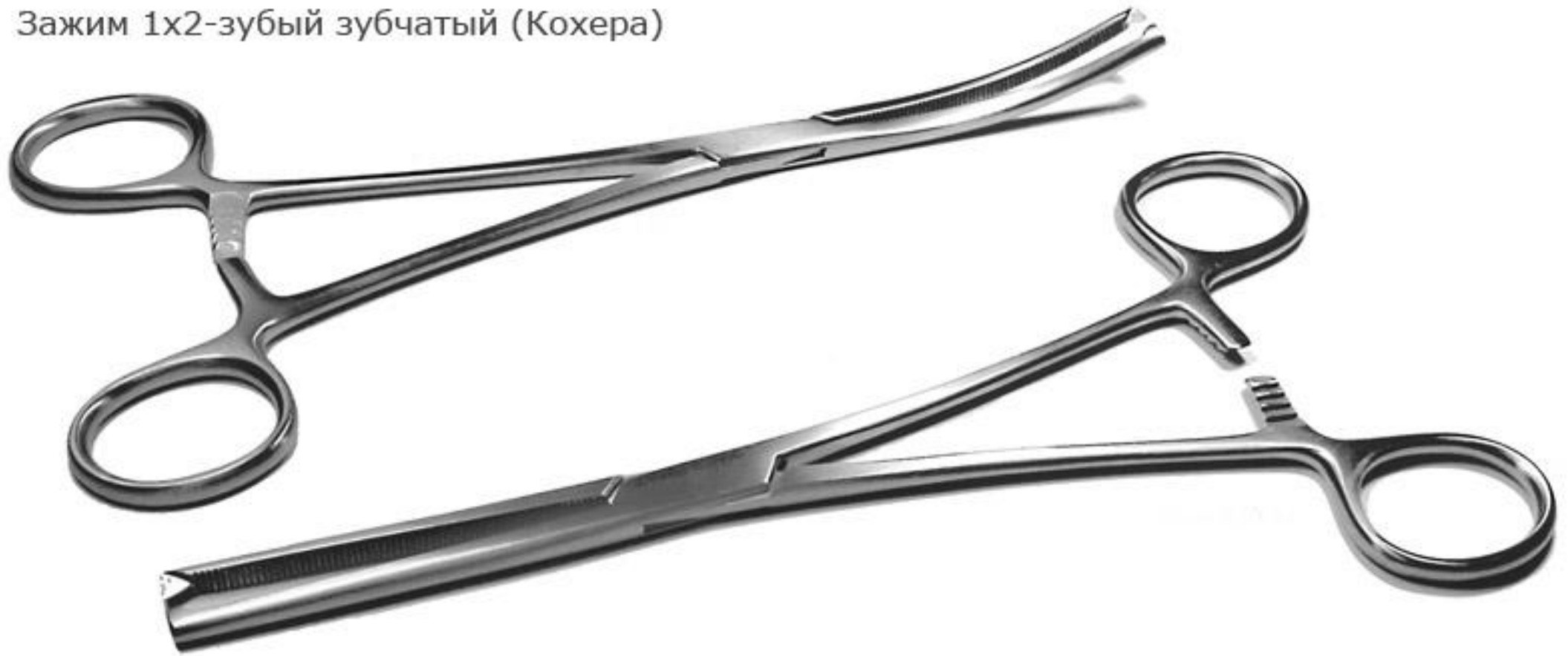




# **ЗАЖИМЫ КРОВЕОСТАНАВЛИВАЮЩИЕ**



Зажим 1x2-зубый зубчатый (Кохера)





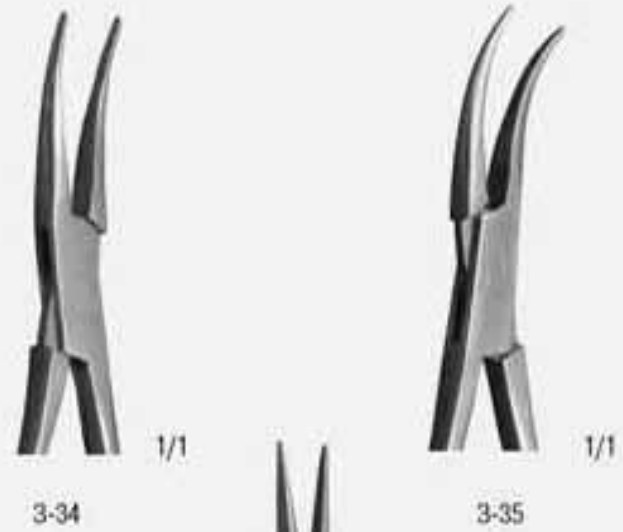
<http://ecommed.tiu.ru/>

Зажим кровоостанавливающий зубчатый (Бильрота)





# «МОСКИТ»



<http://medbe.ru/materials/kirurgicheskiy-instrumenty/igloderzhateli/>

«Узлы в хирургии», Слепцов ИВ  
Черников РА, 2000

<http://news.moy-vrach.ru/Uselabs/>

<http://yandex.kz/images/>

<http://ru.wikipedia.org/wiki/>

# ИСТОЧНИКИ

[http://bone-surgery.ru/view/hirurgicheskie\\_instrumenty\\_s\\_pruzhinyaschimi\\_svoystvami/](http://bone-surgery.ru/view/hirurgicheskie_instrumenty_s_pruzhinyaschimi_svoystvami/)

