# технологии в медицине

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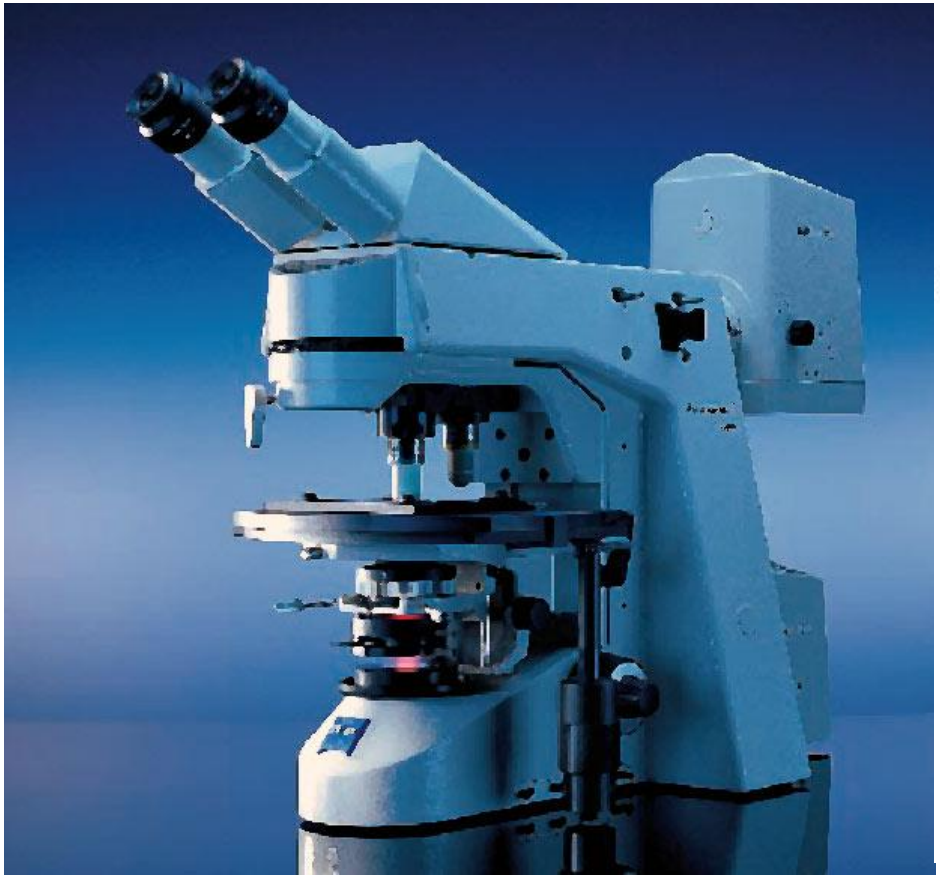
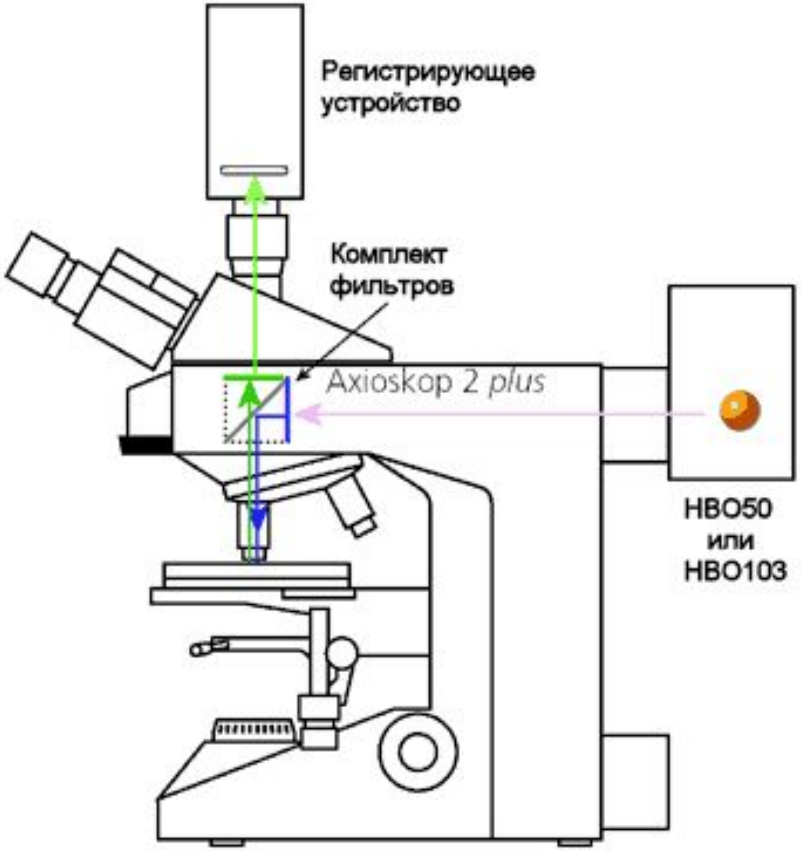
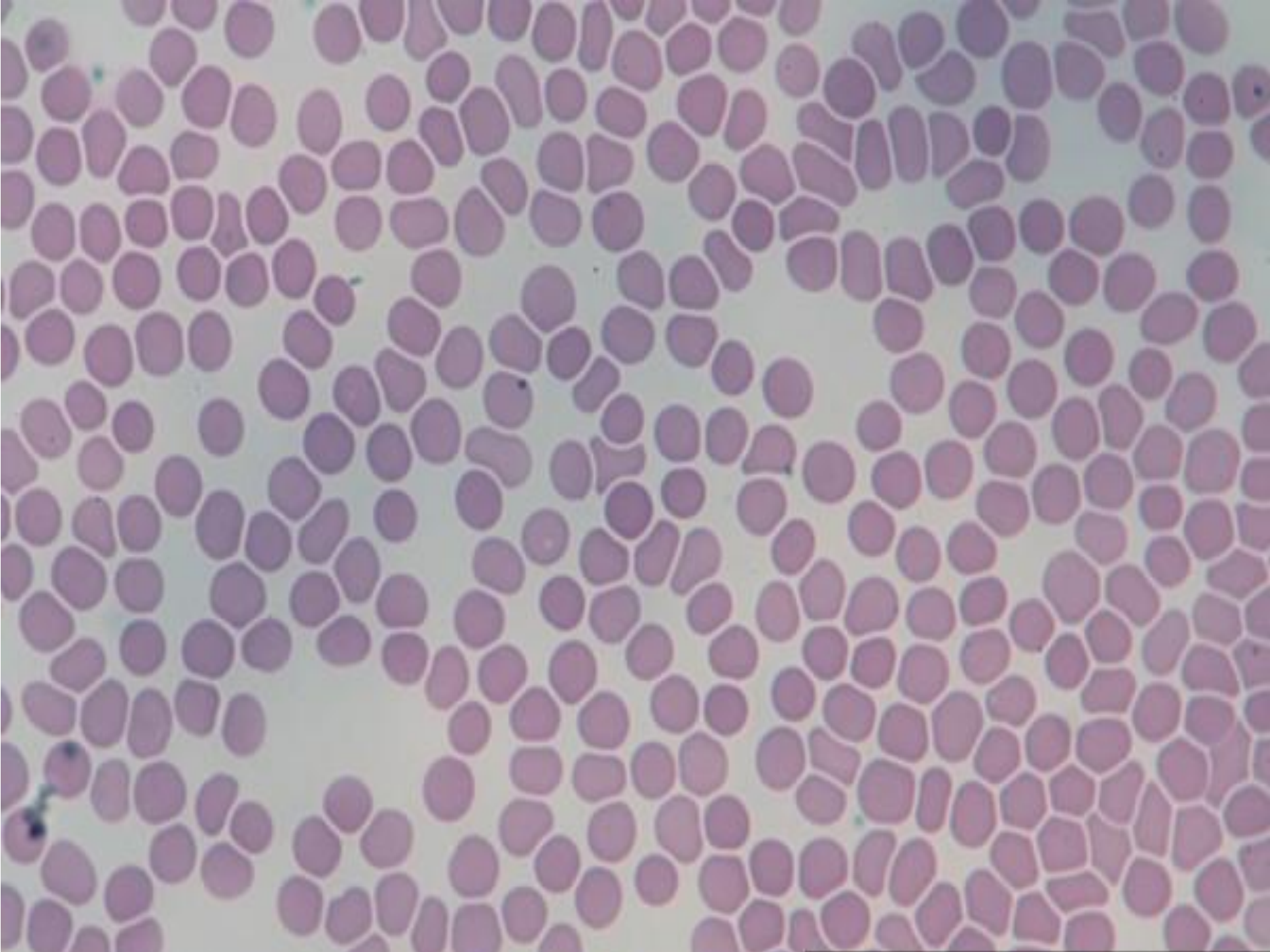
# Микроскопия

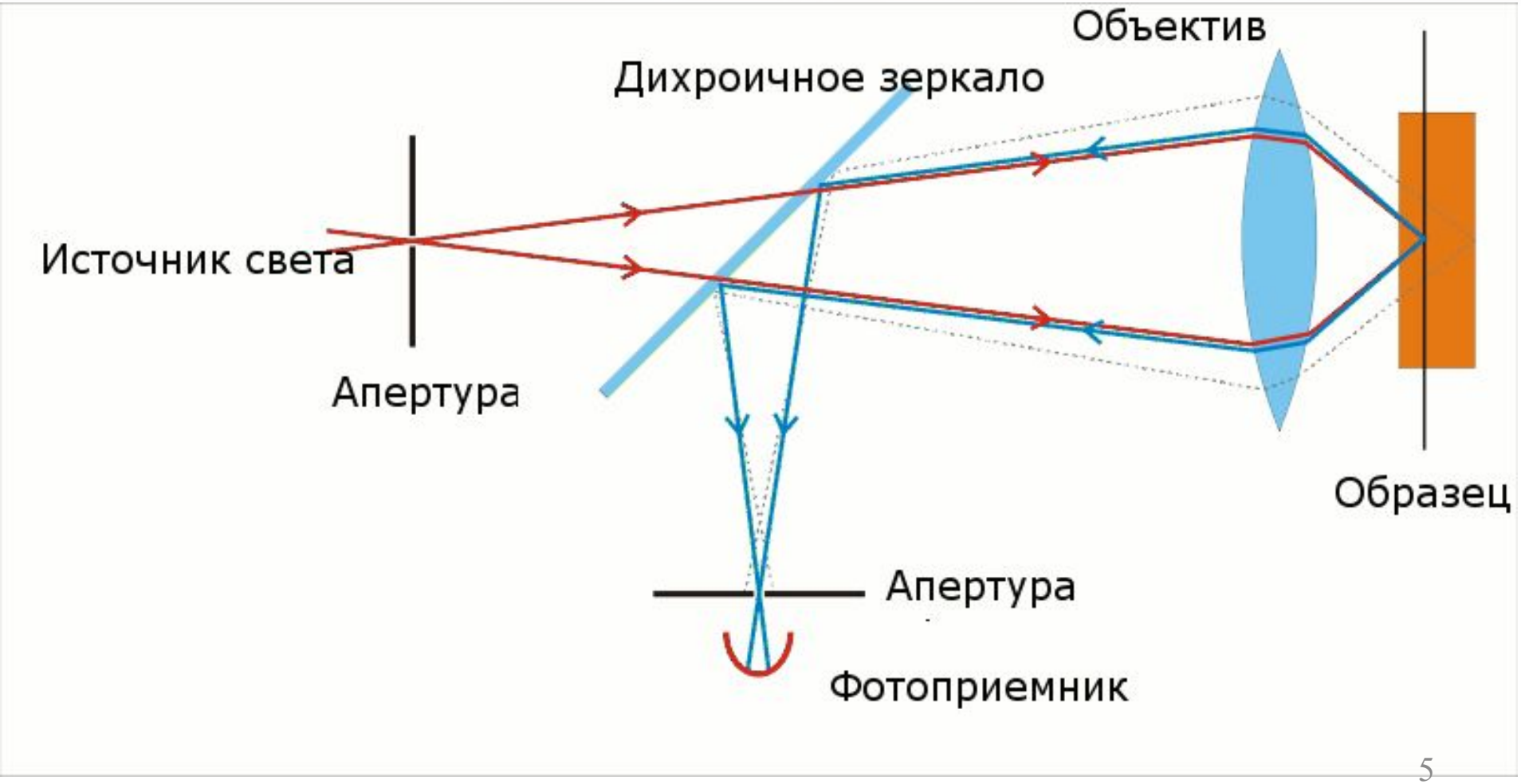




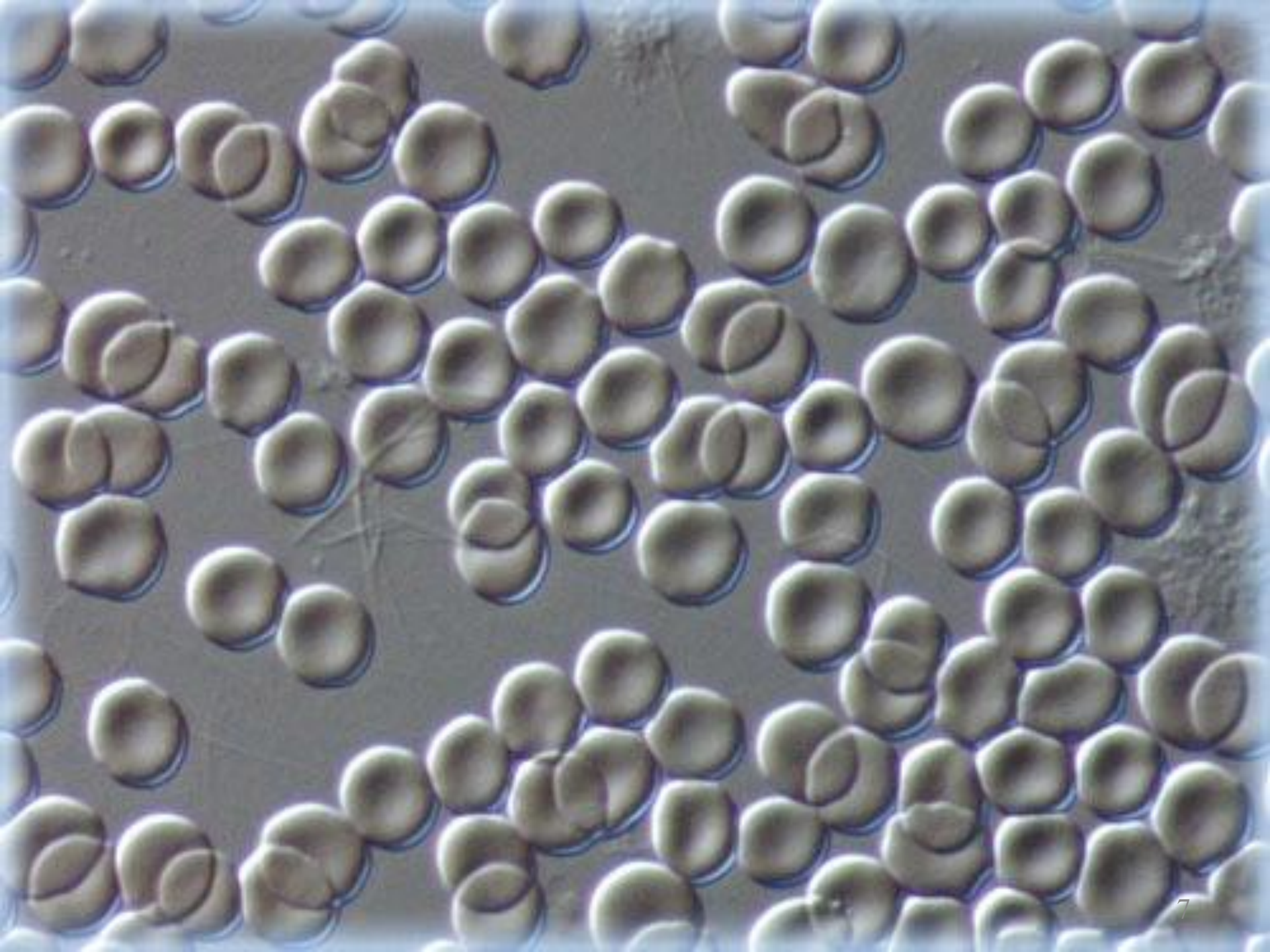


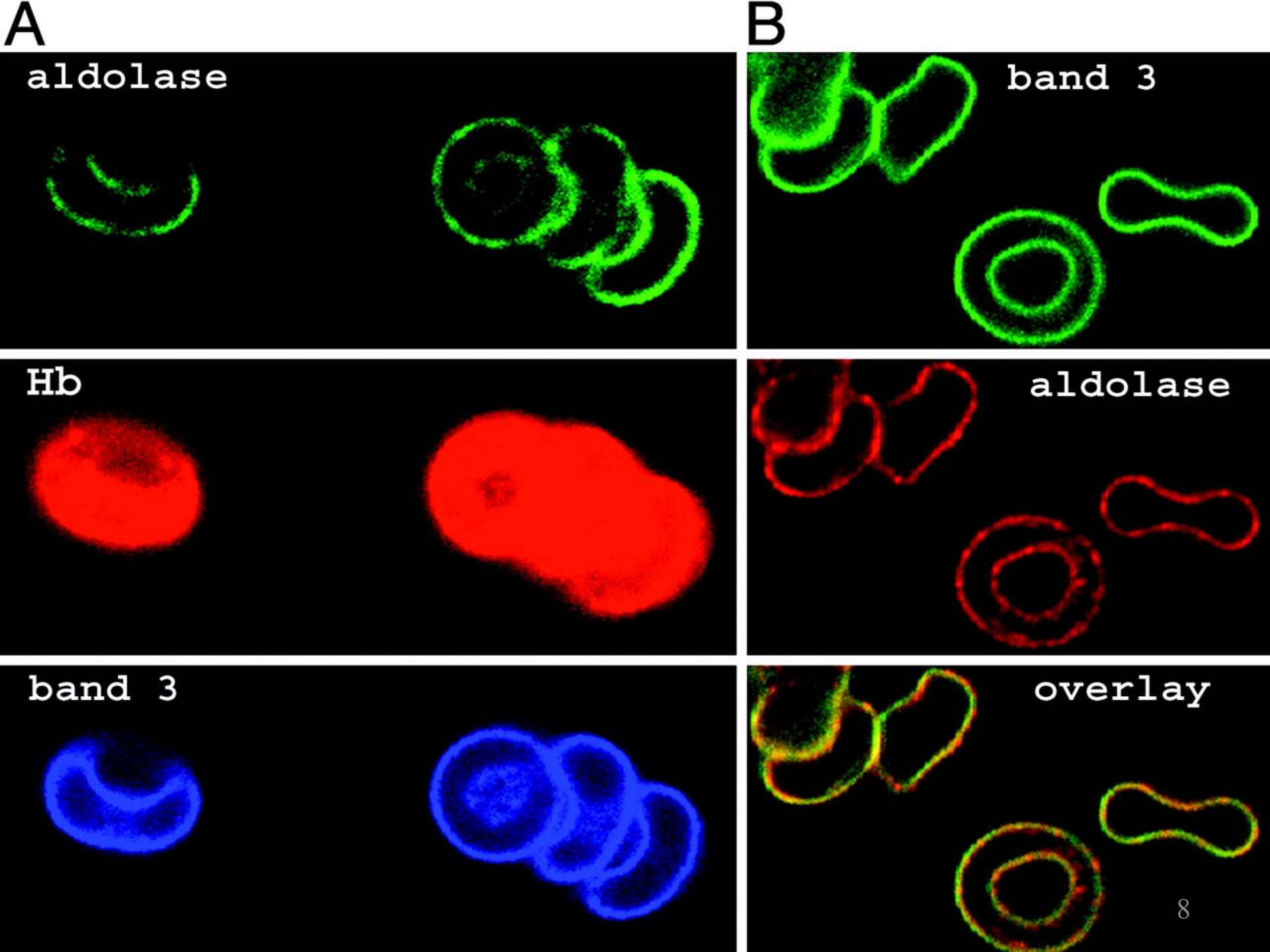
# Конфокальная микроскопия

# Схема конфокального микроскопа

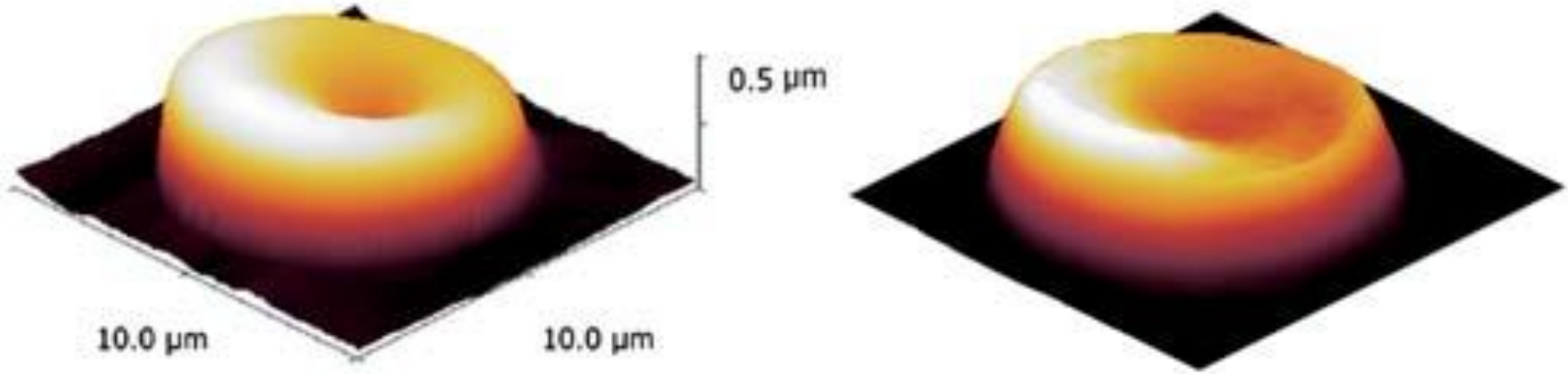


# Fluorescence and confocal microscopes

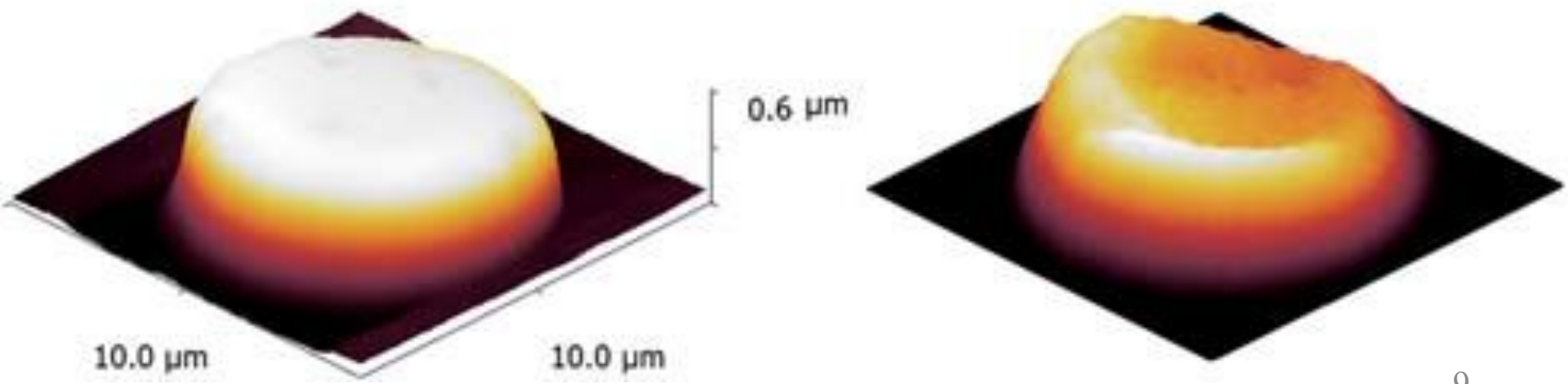


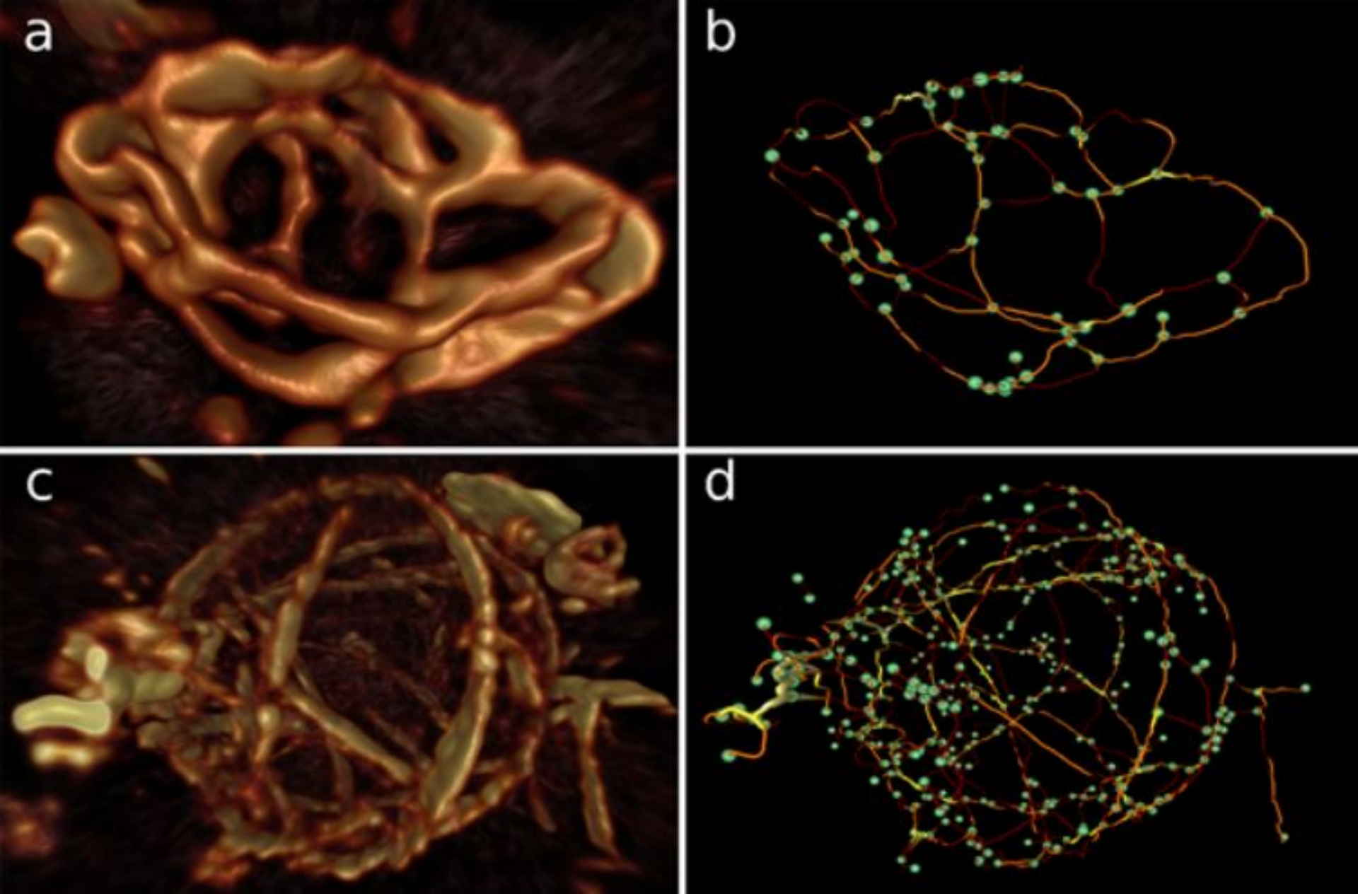

A
B
aldolase
band 3
Hb
aldolase
band 3
overlay

(A) Dried RBC in blood smear



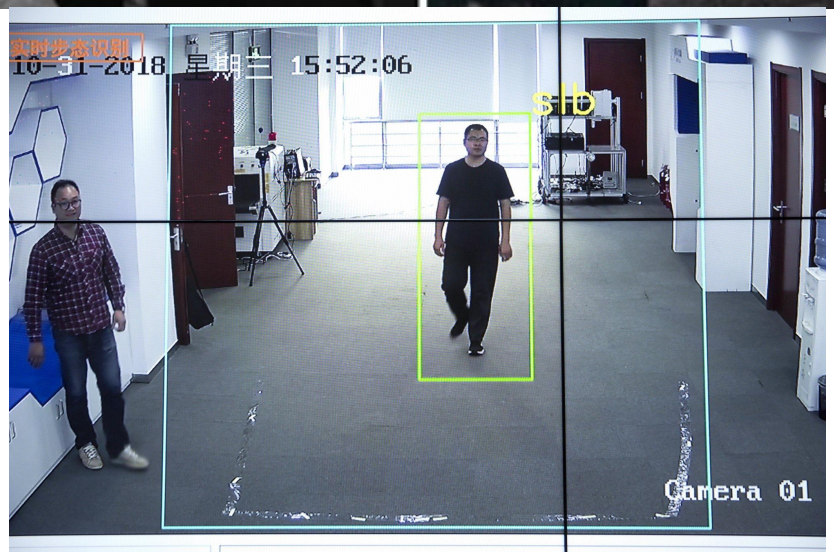

(B) Dried RBC in buffer sample



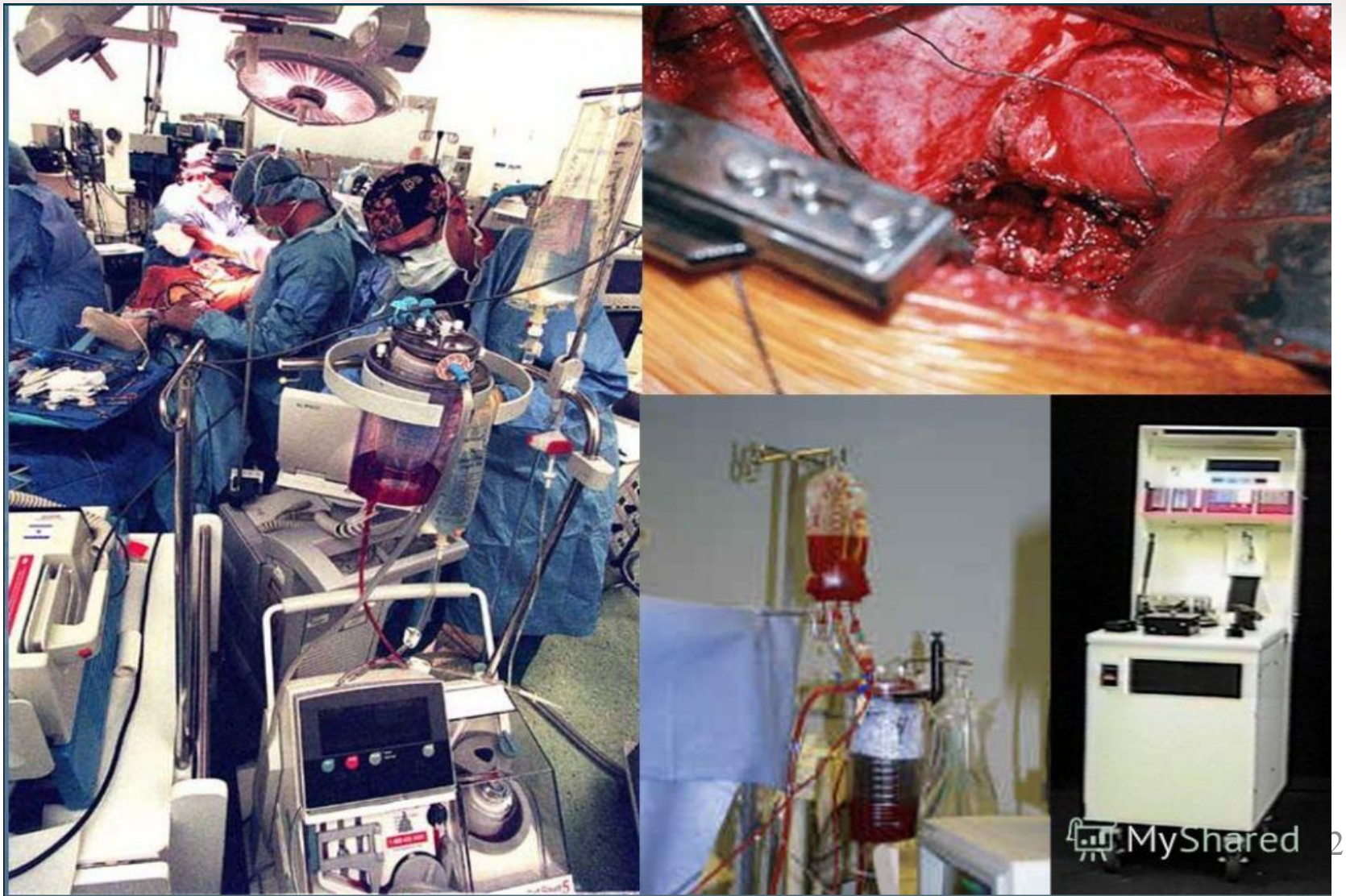



A Feature-Based Deep Learning Approach for Classification of Protein Networks Using 3D Live Microscopic Data

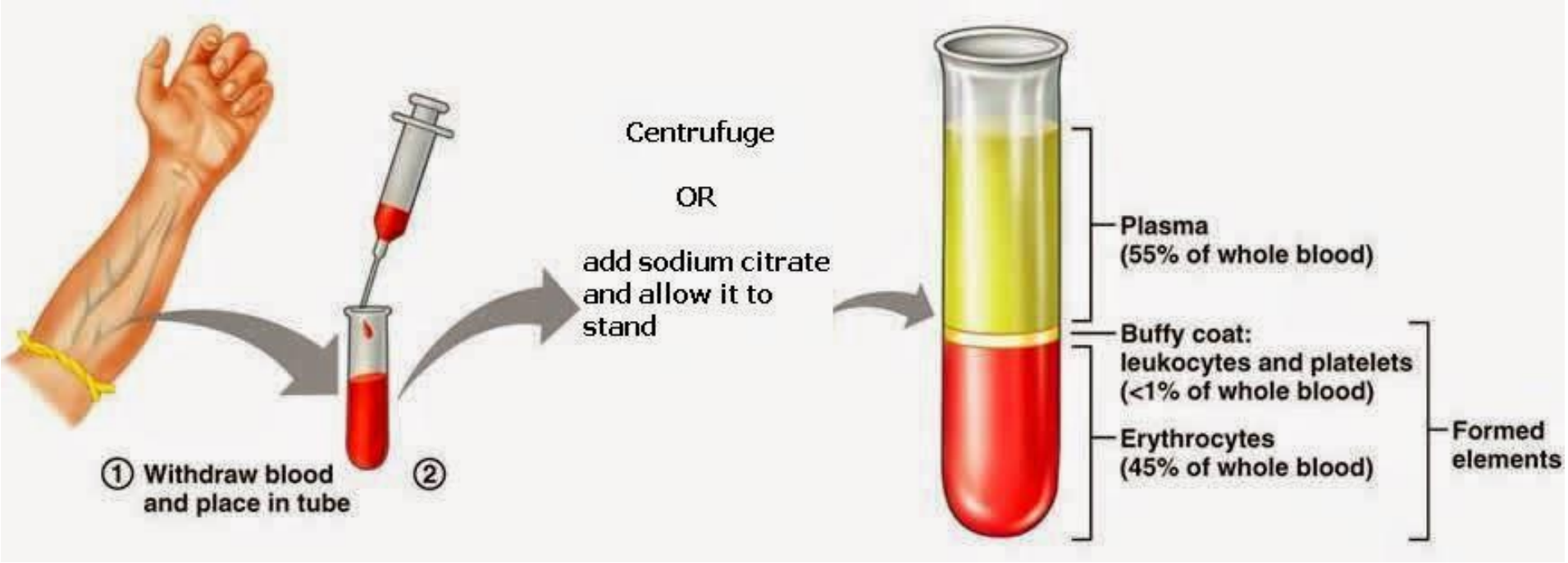
# Распознавание образов, обработка изображений



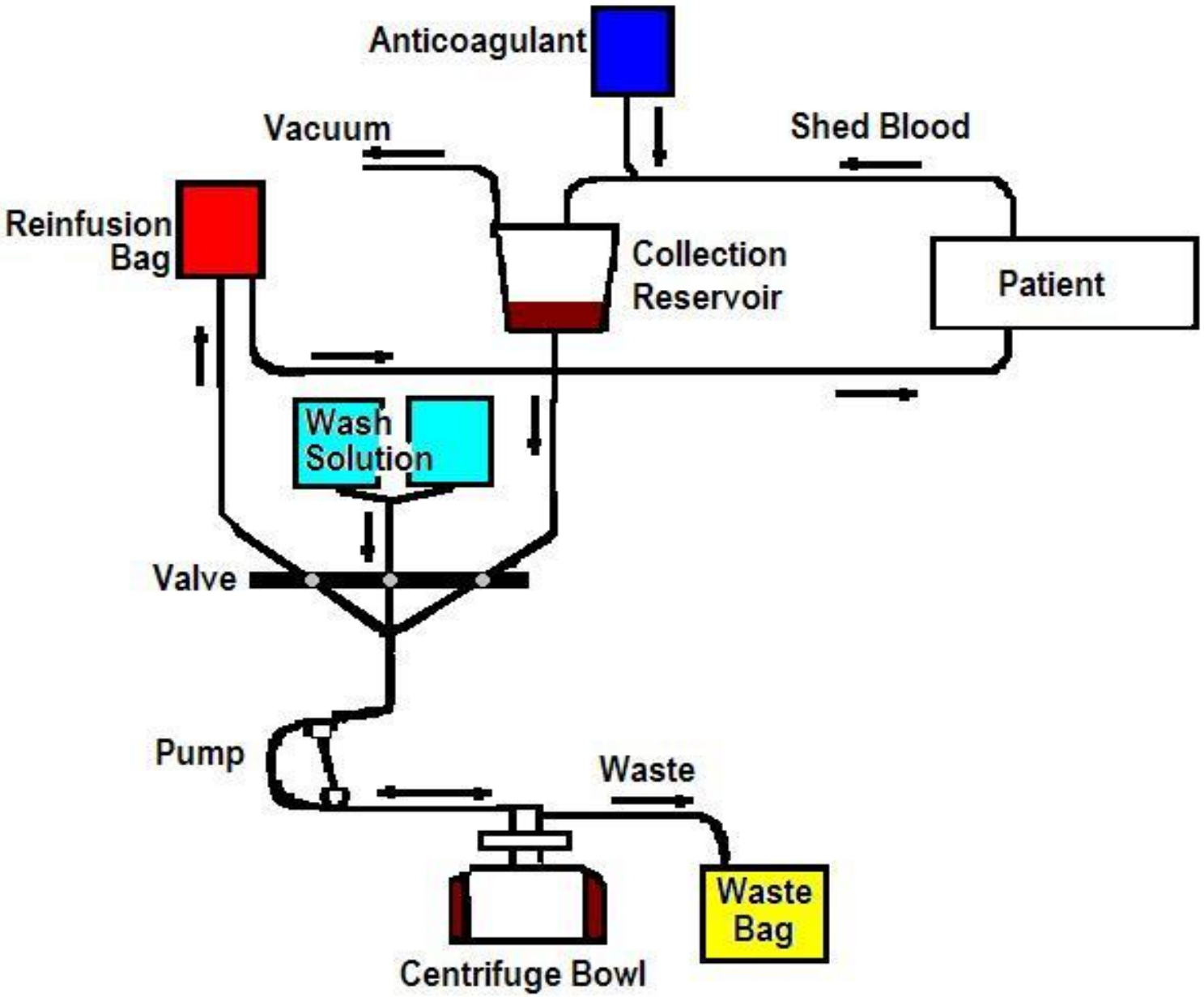
# Реинфузия крови, излившейся в операционные полости



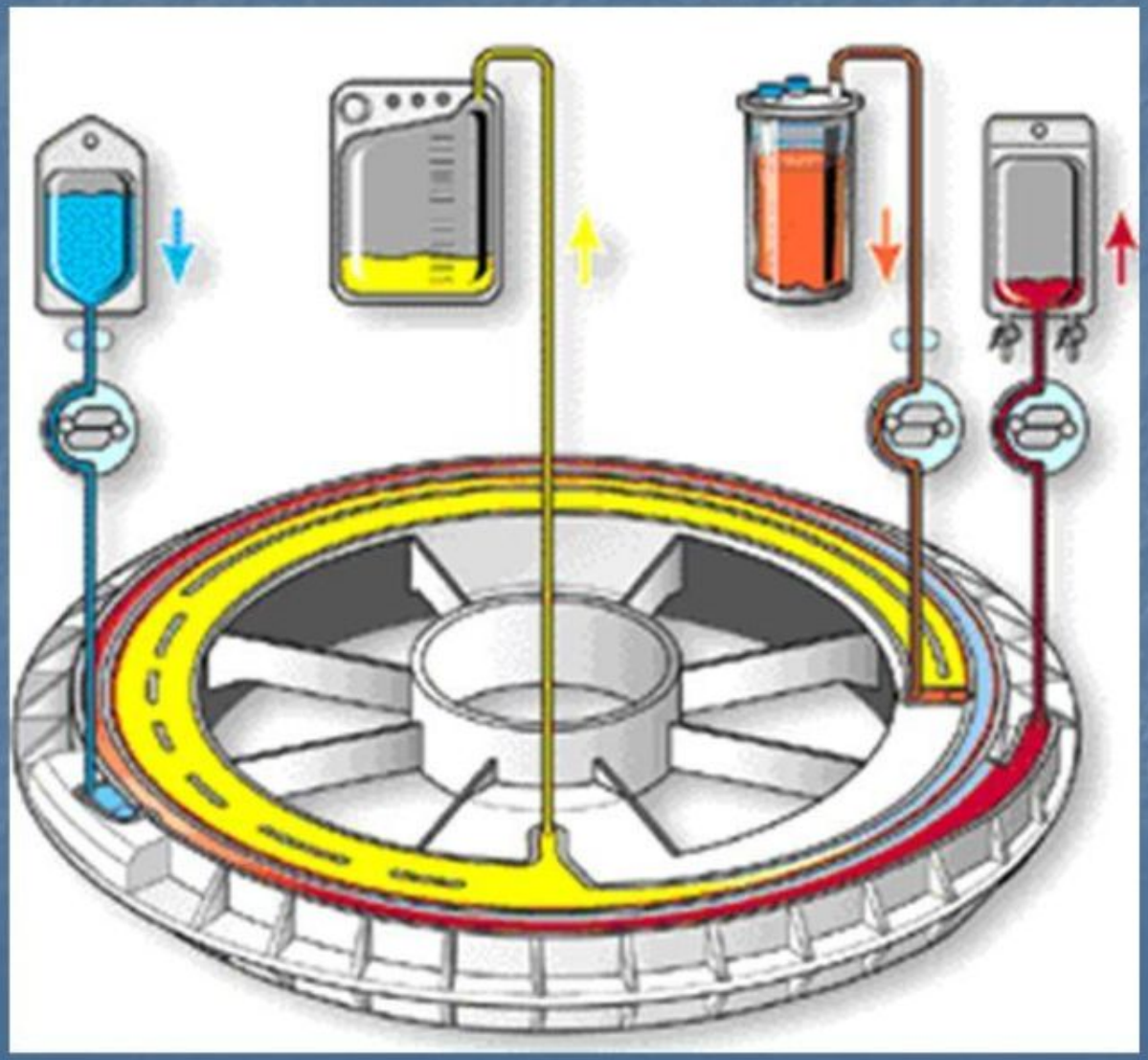
# Разделение крови на компоненты

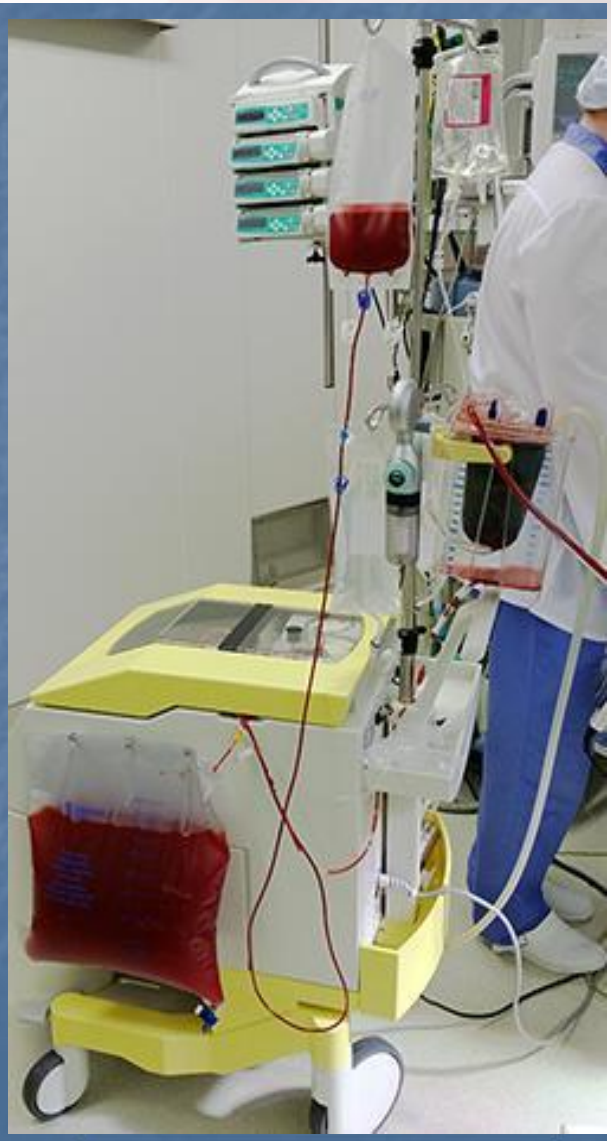


# Autotransfusion Process Diagram

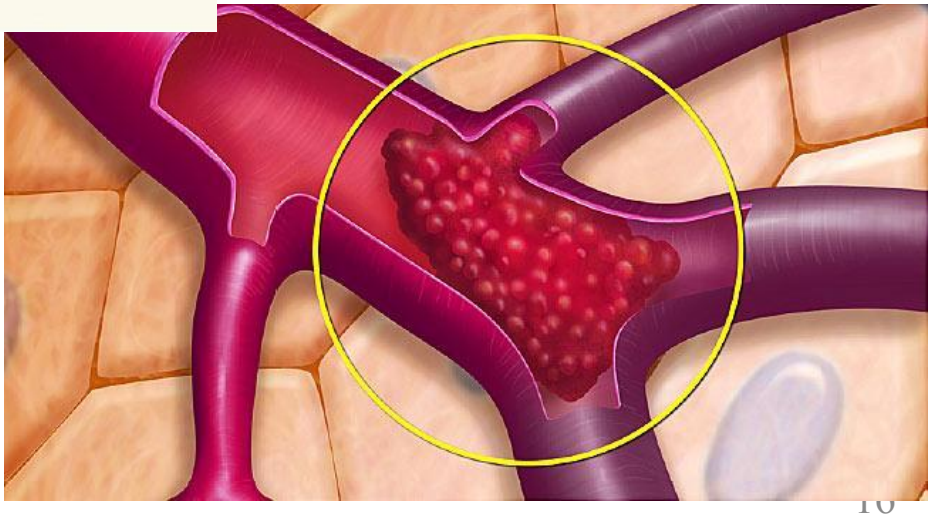


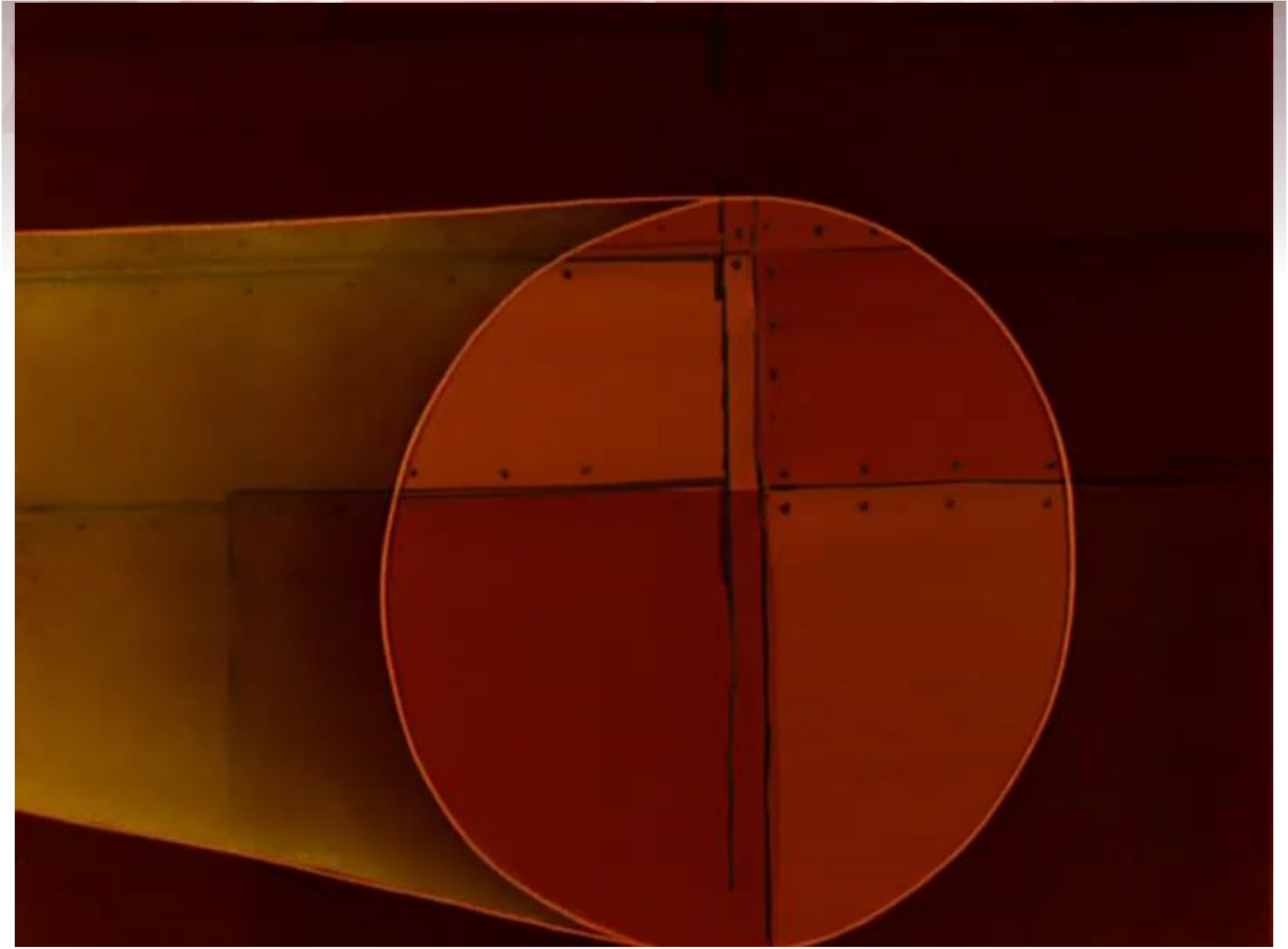
# C.A.T.S. Plus



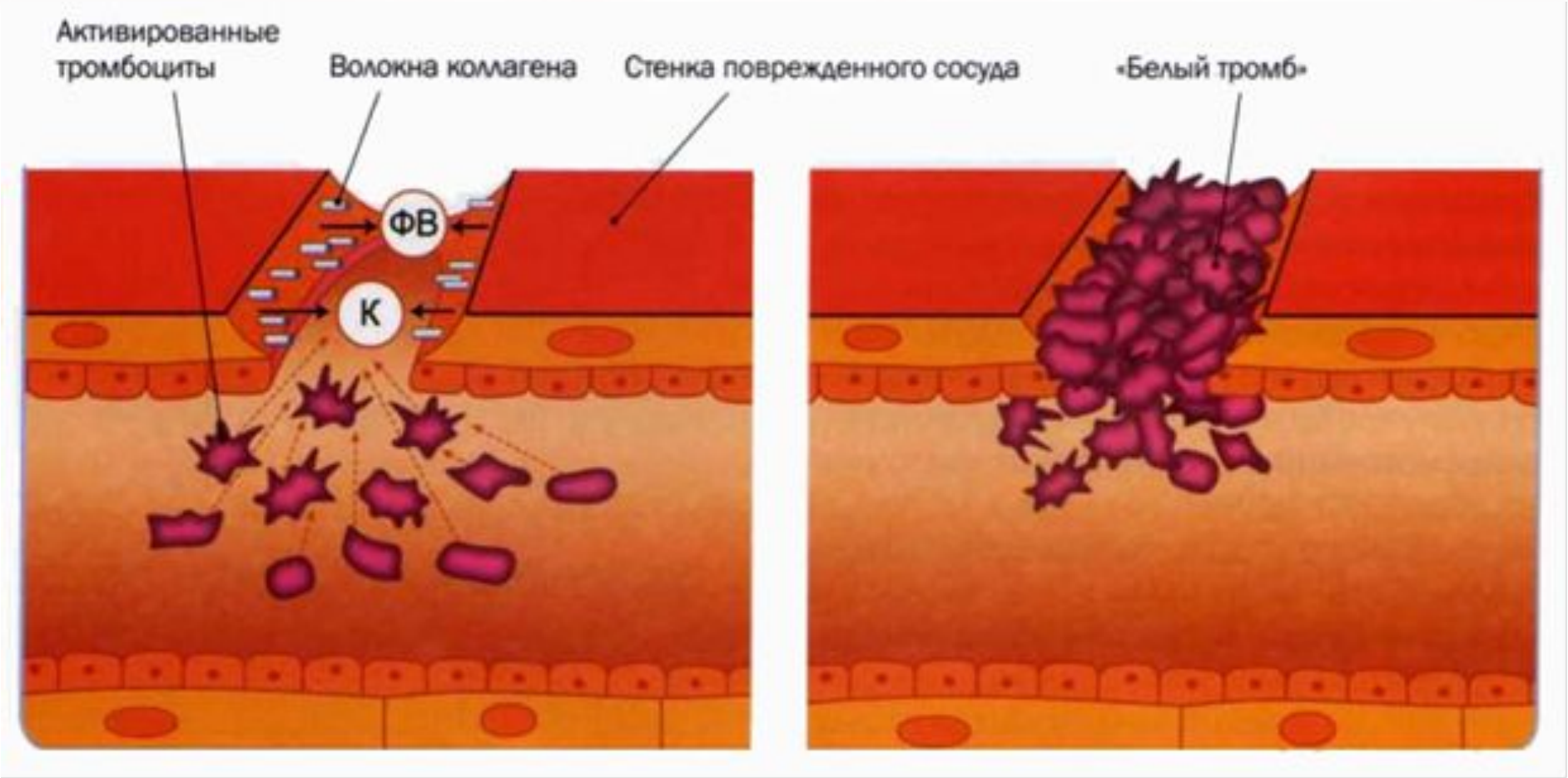


# Кровотечения и тромбозы

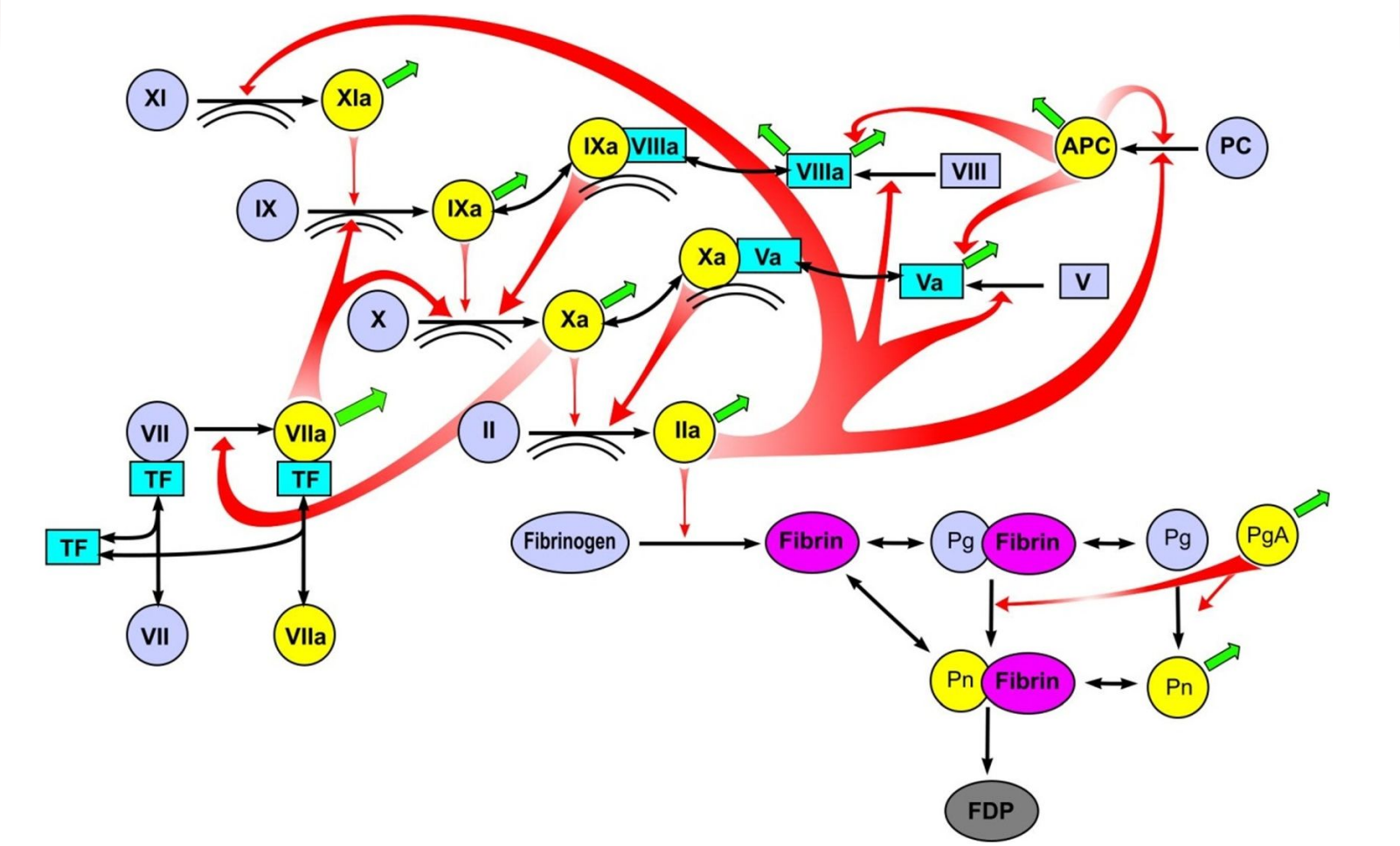




# Гемостаз

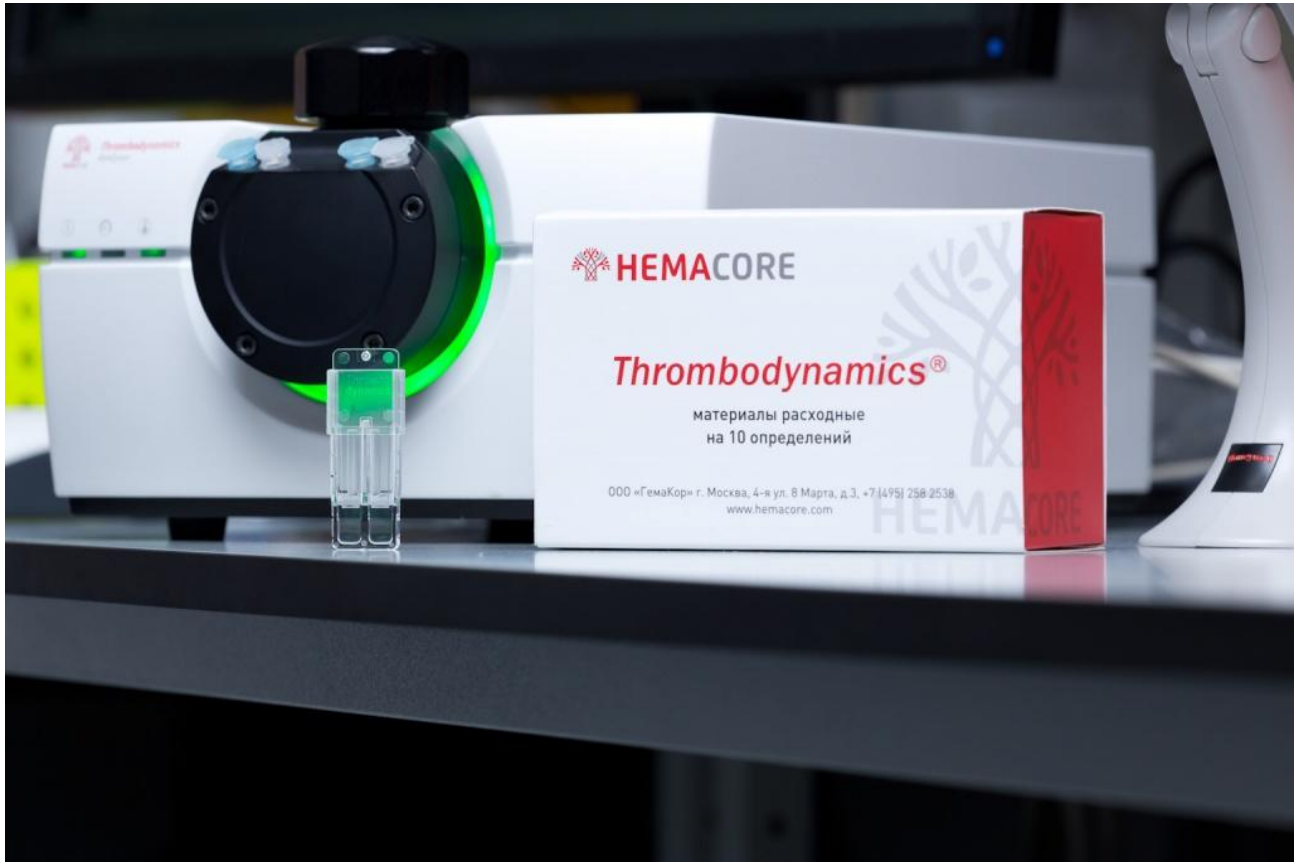

Активированные тромбоциты
Волокна коллагена
Стенка поврежденного сосуда
«Белый тромб»
ФВ
К

# Карта реакций механизма свертывания крови

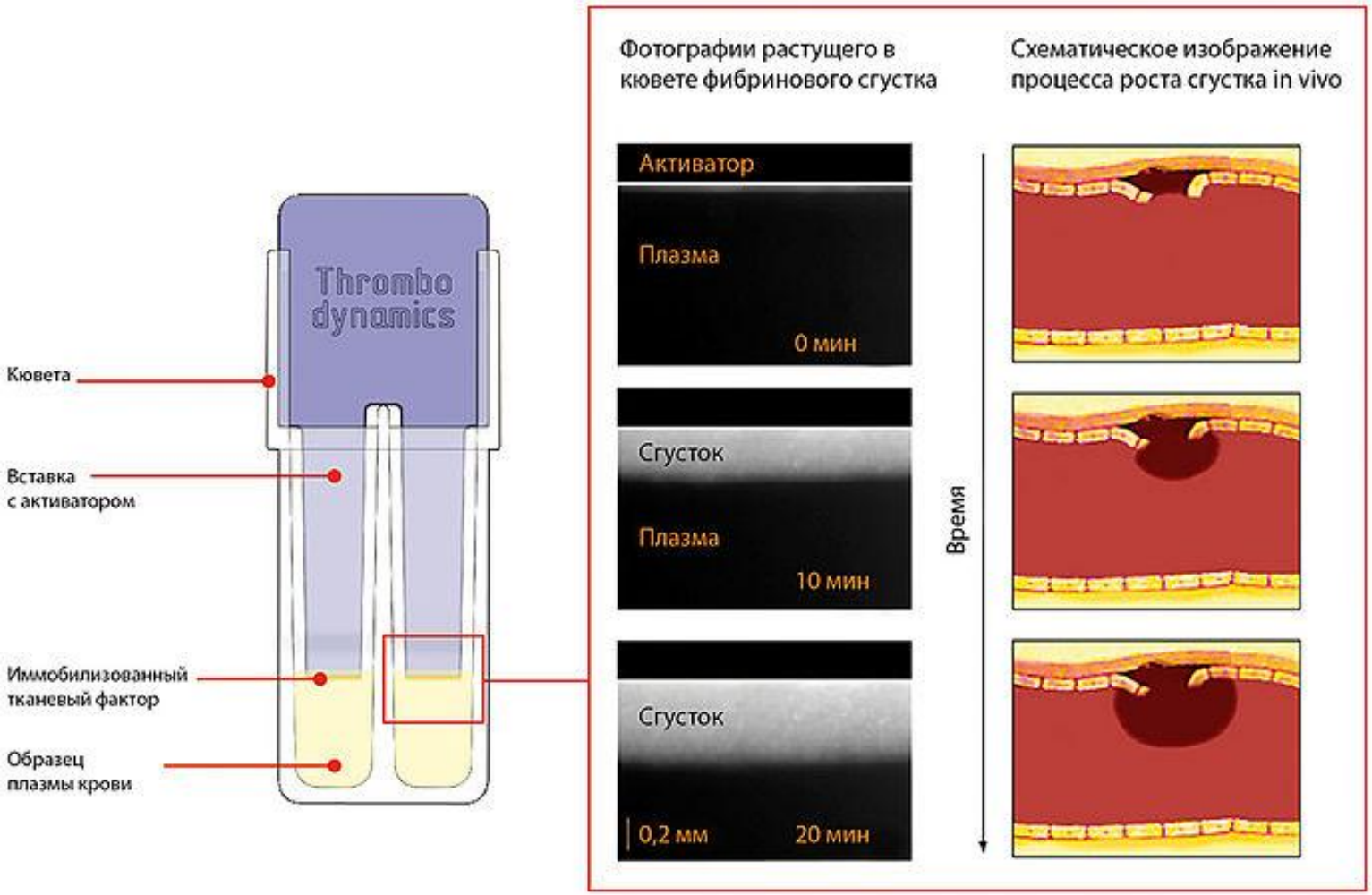



Ansar S. Zhalyalov Mikhail A. Panteleev, Alexey M. Shibeko

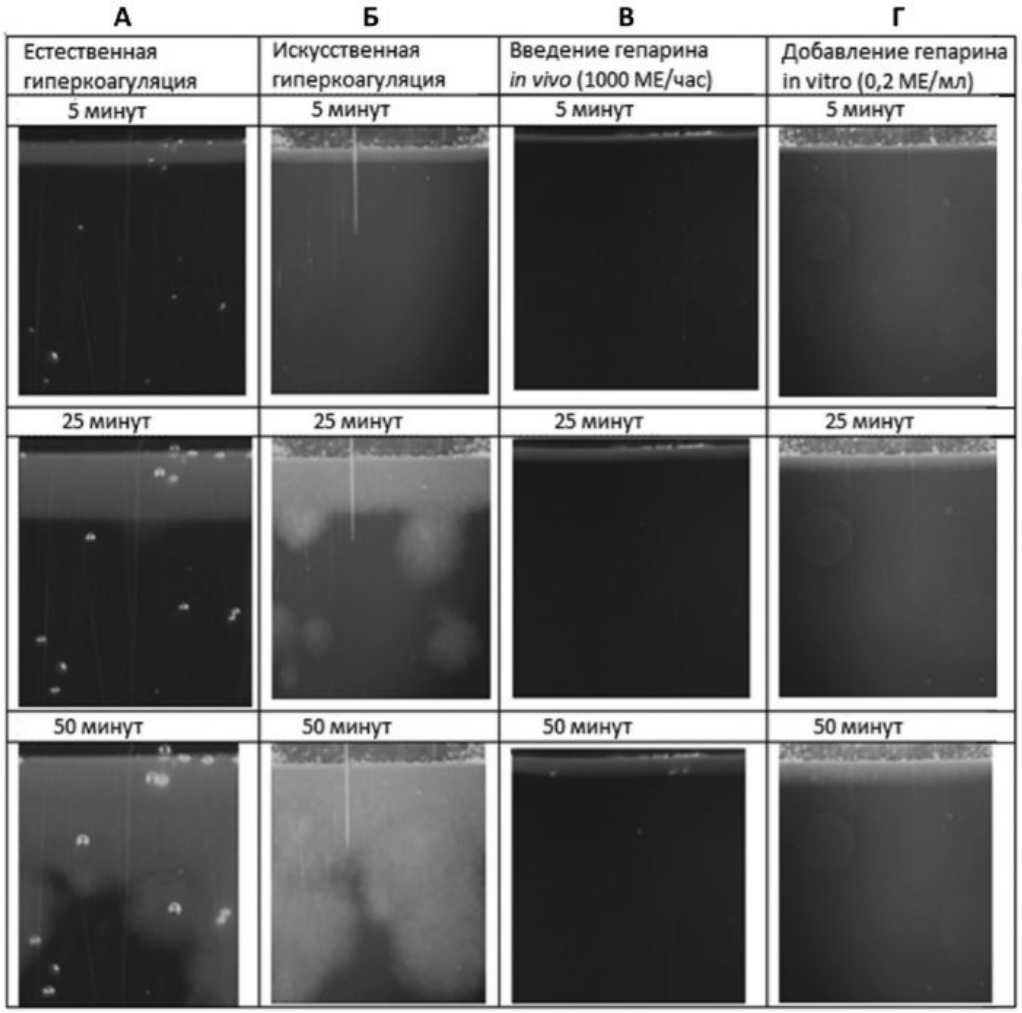
# Тест тромбодинамики



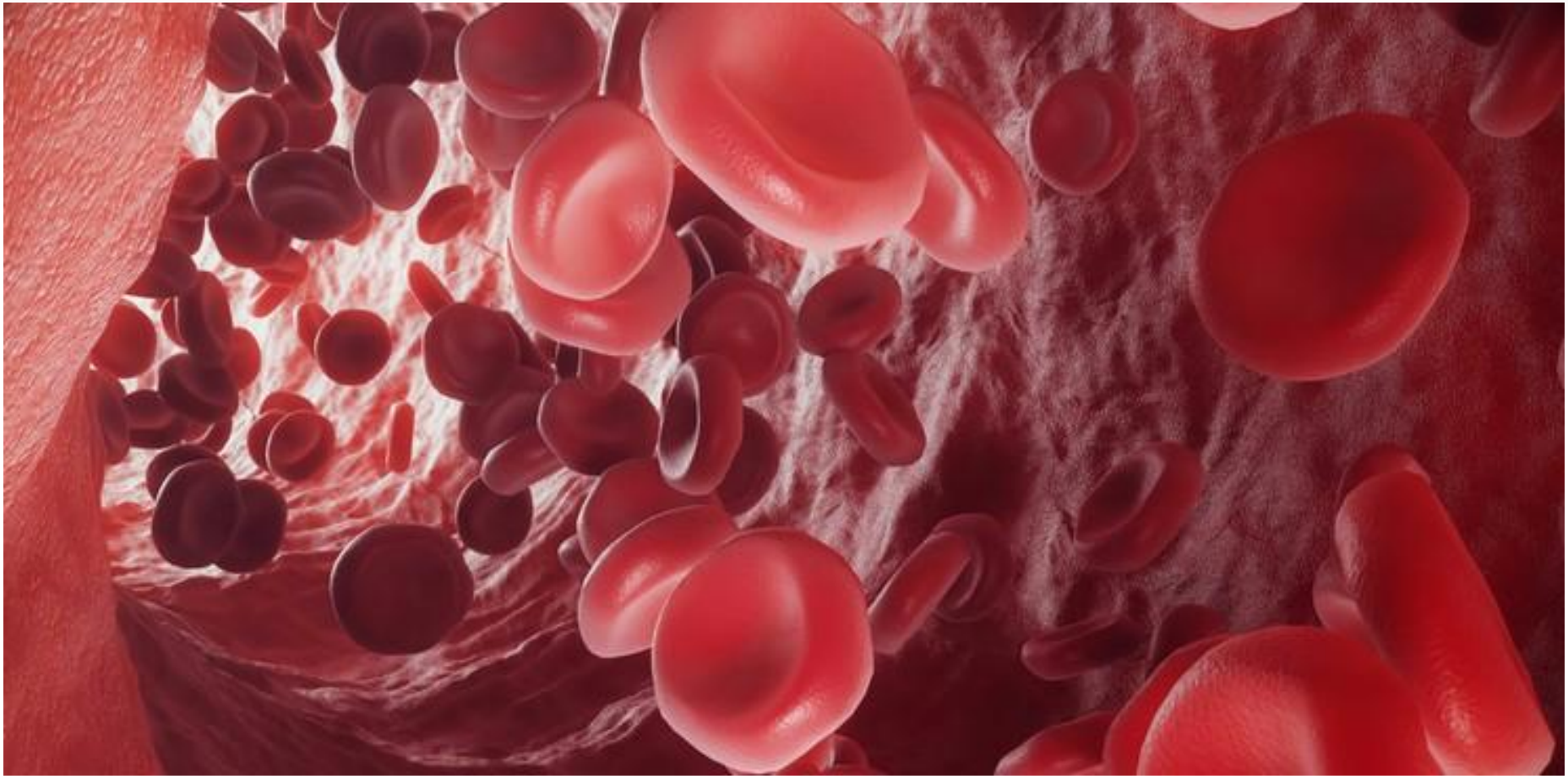
# Схематическое изображение кюветы и типичные фотографии роста сгустка



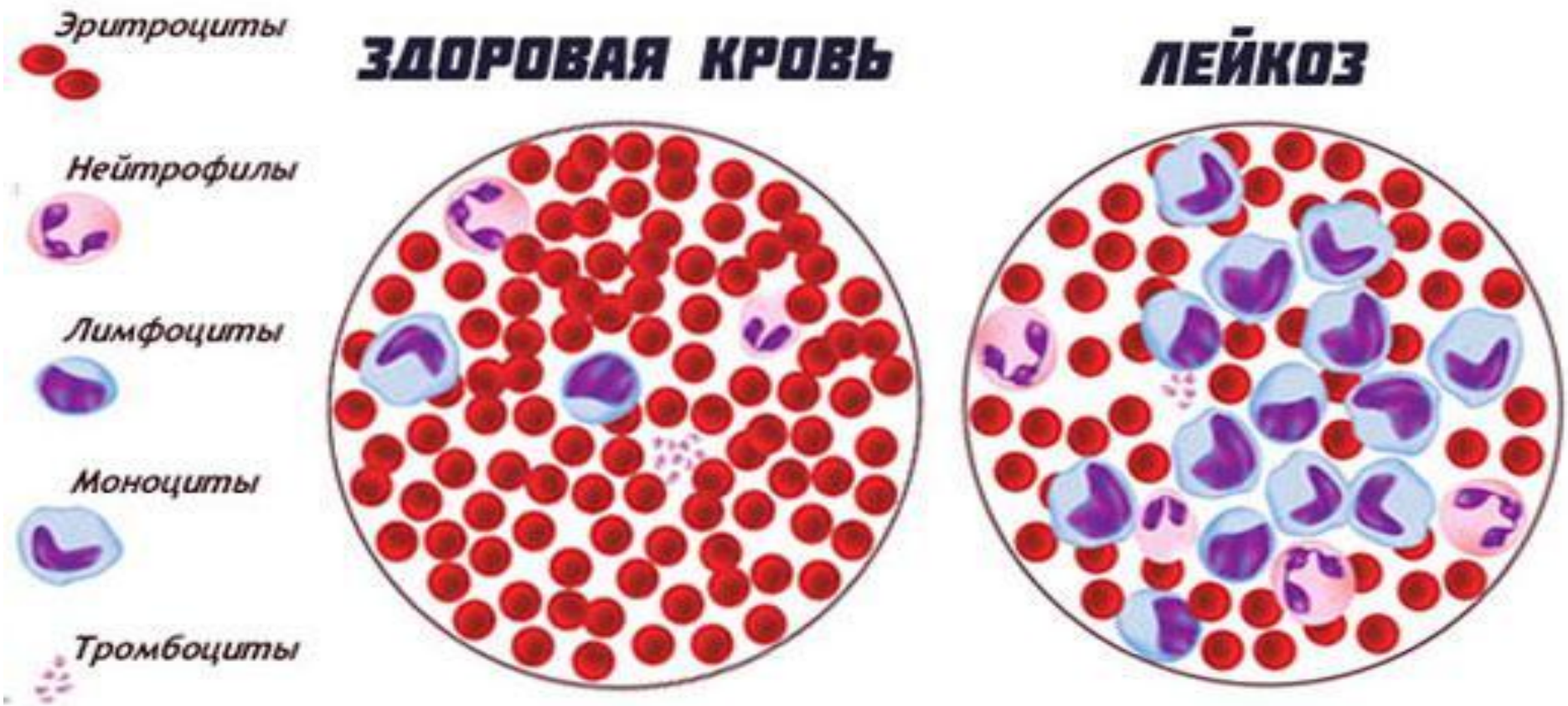
# Образцы снимков, получаемых при исследовании плазм пациентов с различными патологиям



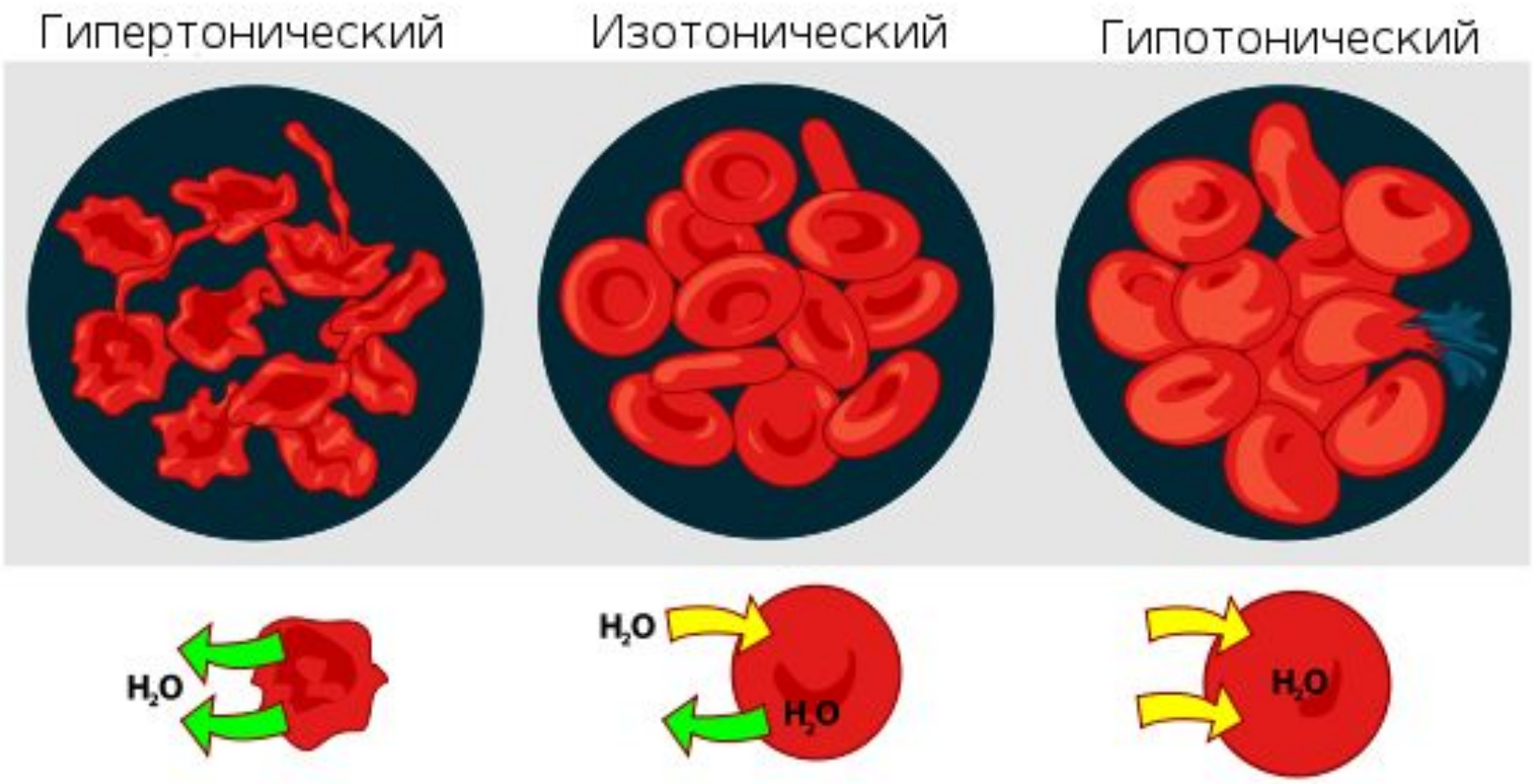
# Включение лекарственных веществ в эритроциты человека



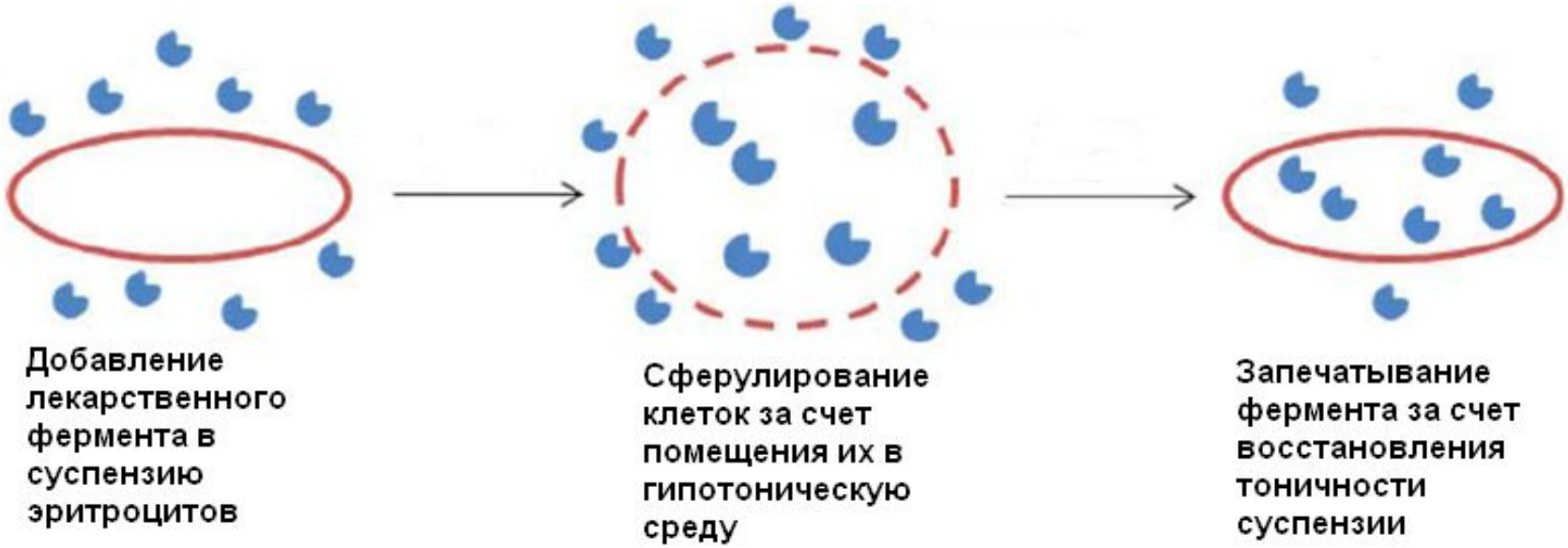
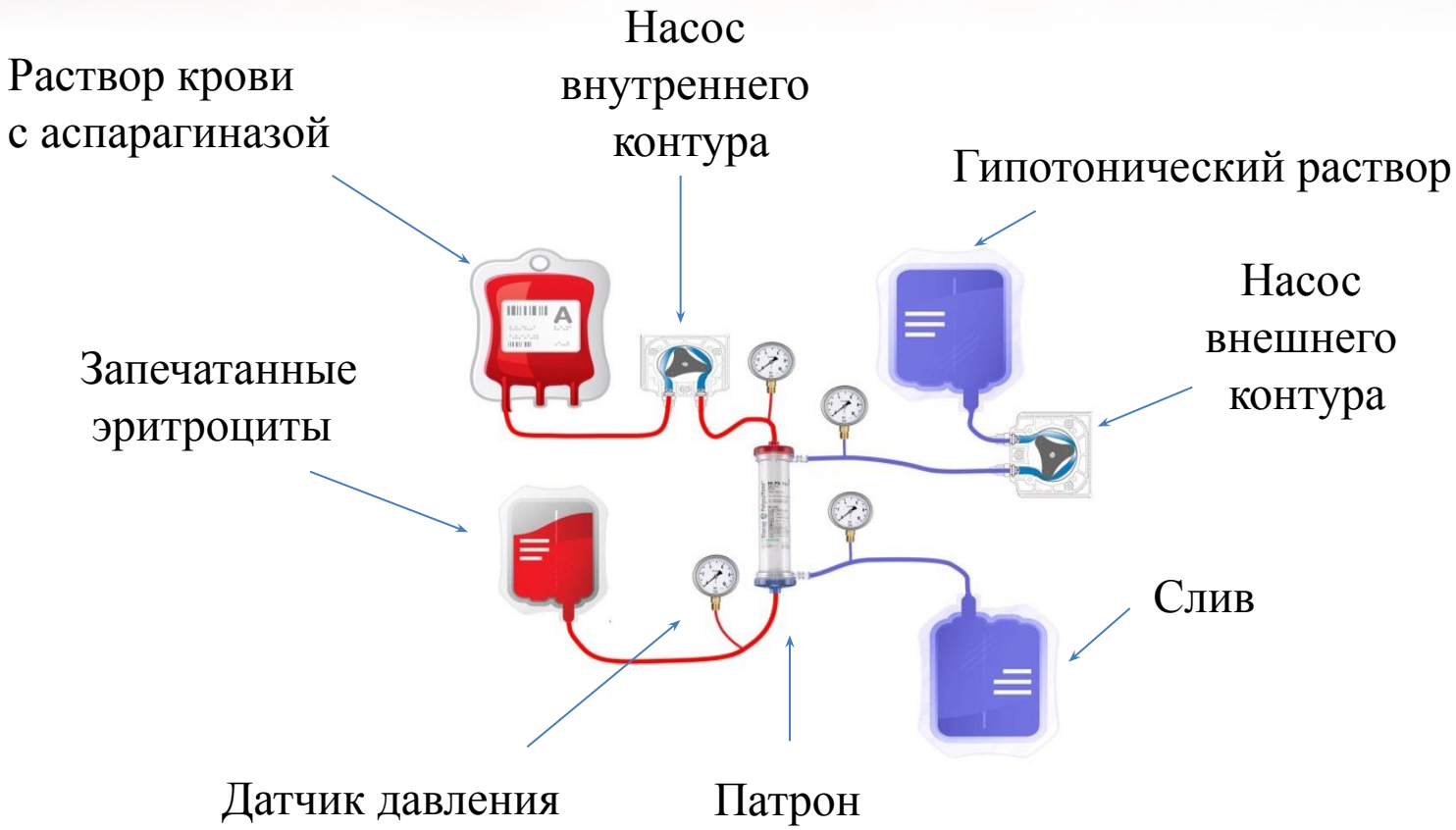
# Лейкозы


Эритроциты
Нейтрофилы
Лимфоциты
Моноциты
Тромбоциты
ЗДОРОВАЯ КРОВЬ
ЛЕЙКОЗ

# Взаимодействие эритроцитов с растворами в зависимости от их осмотического давления.



# Принцип включения лекарственных веществ в эритроциты



# Принцип действия устройства