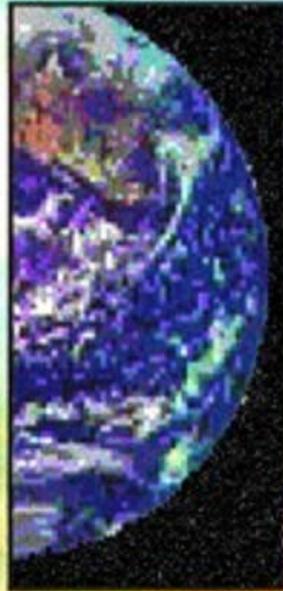




The *Mystery* of  
the *Shroud of Turin*



Where **Science**

Meets *Faith*

# CHRISTIAN SCIENTISTS

- **Sir Isaac Newton (The Law of Gravity)**
- **Nicolaus Copernicus (Geocentric Earth)**
- **Galileo Galilei (The Refracting Telescope)**
- **Johann Keppler (Celestial Mechanics, Physical Astronomy)**
- **Lord Kelvin (Thermodynamics)**
- **Leonardo DaVinci (Hydraulics)**

# FIELDS OF STUDY

- 
- Forensic Pathology
  - Chemistry
  - Physics
  - Botany
  - Hematology
  - History
  - Geography
  - Archaeology
  - Biochemistry
  - Microbiology
  - Neurobiology
  - Geology
  - Theology
  - Nuclear Physics

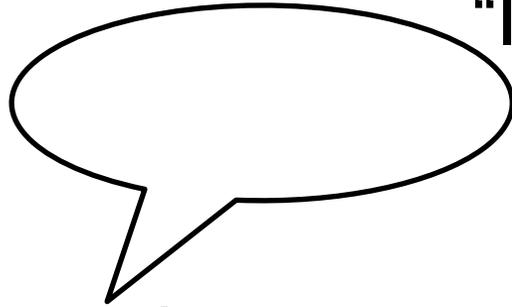


# THE LEGAL PERSPECTIVE

- PREPONDERANCE OF EVIDENCE
- BEYOND A REASONABLE DOUBT

Yves Delage  
and  
Intellectual Honesty





Yves Delage



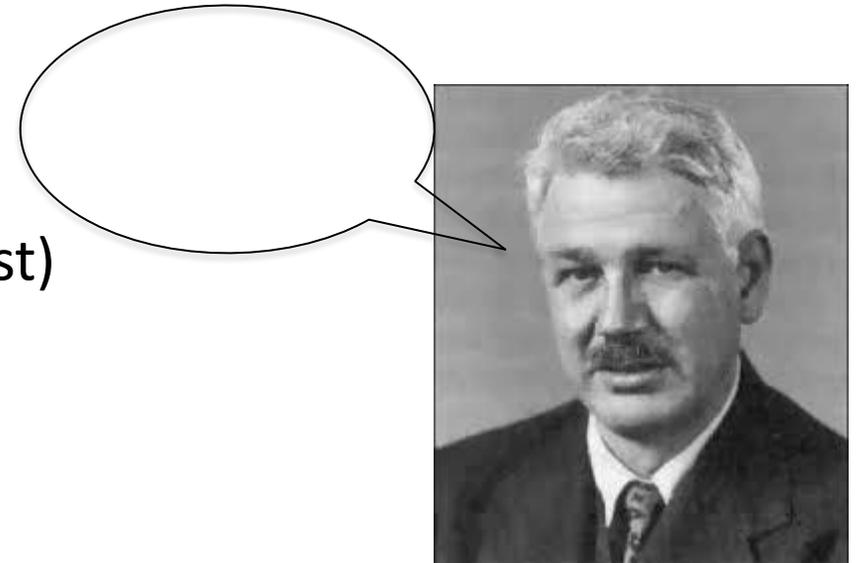
“If it were anyone else but Christ, there would be no contention. A religious question has been needlessly injected onto a problem which, in itself, is purely scientific...with the result that feelings have run high and reason has been led astray. If, instead of Christ, there were a question of some person like a Sargon, an Achilles or one of the Pharaohs, no one would have thought of making an objection. I recognize Christ as historical personage and I see no reason why anyone should be scandalized that there still exist material traces of His earthly life.”

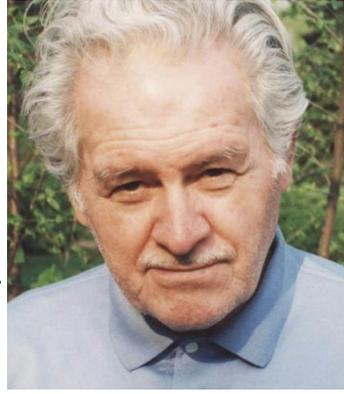
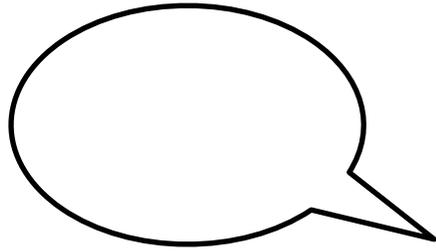
# A REAL MAN!

“Whoever the individual represented may have been,  
he is of a physical type found in modern times  
among Sephardic Jews and noble Arabs.”

Carlton S. Coon

(Former Harvard professor and distinguished ethnologist)





John Walsh

"Only this much is certain: The Shroud of Turin is either the most awesome and instructive relic of Jesus Christ in existence-showing us in its dark simplicity how He appeared to men-or it is one of the most ingenious, most unbelievably clever, products of the human mind and hand on record.

*It is one or the other; there is no middle ground.*"

(John Walsh, Author "Shroud of Turin")

- No inorganic pigments present
- No substances manually applied to cloth
- No artistic substances detected (paint)
- No binder cementing fibers (except blood fiber)
- No brush strokes
- No stains, dyes or artificial medium



# WORDS

(Scripture)



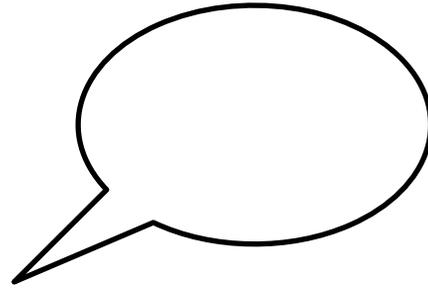
# WEAPONS

(Roman Soldiers)



# WOUNDS

(Man in the Shroud)



**Alan Adler**

**“There’s no laboratory test  
for Christ-ness!”**

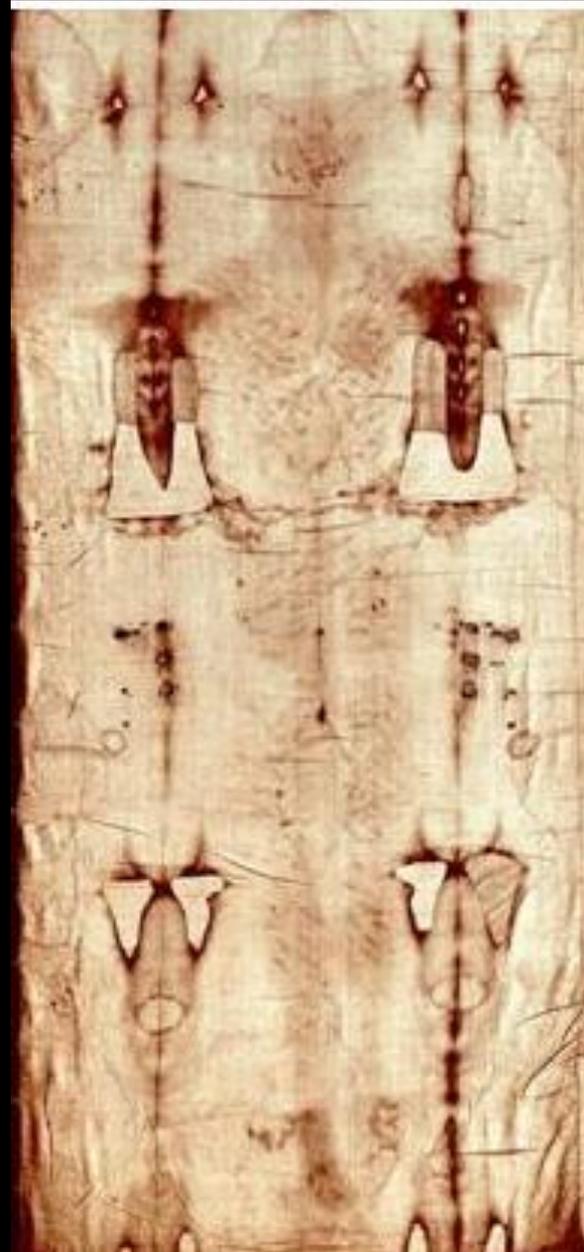
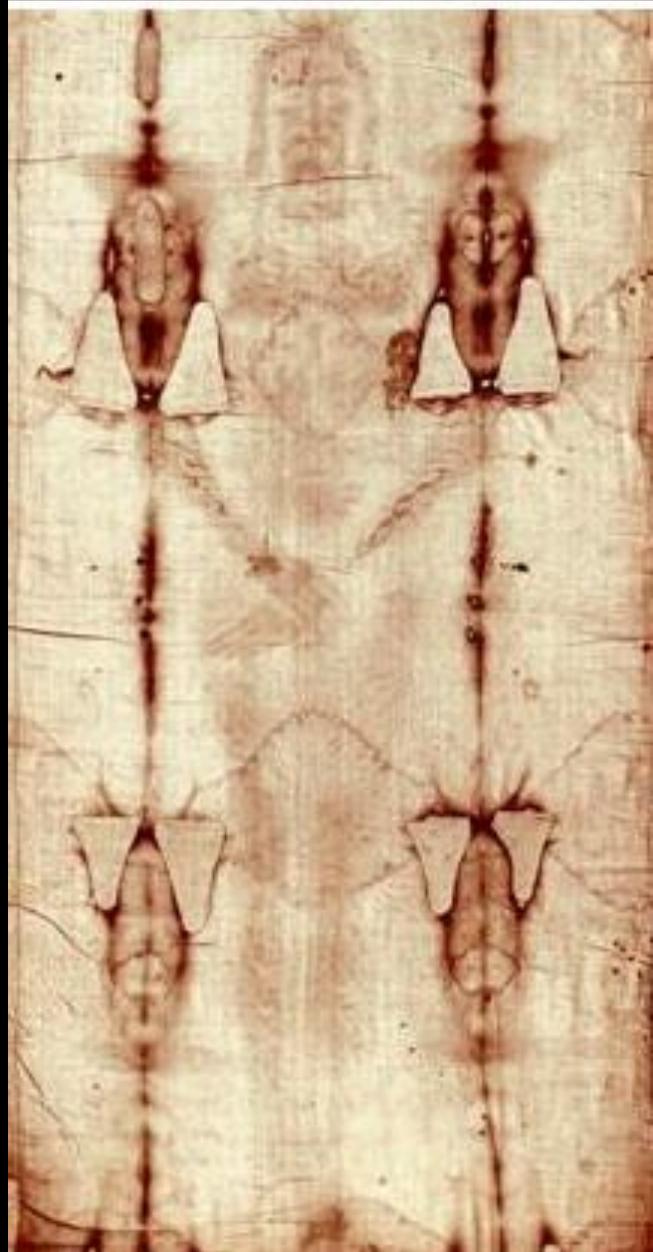
**Alan Adler, (Blood Chemist)**

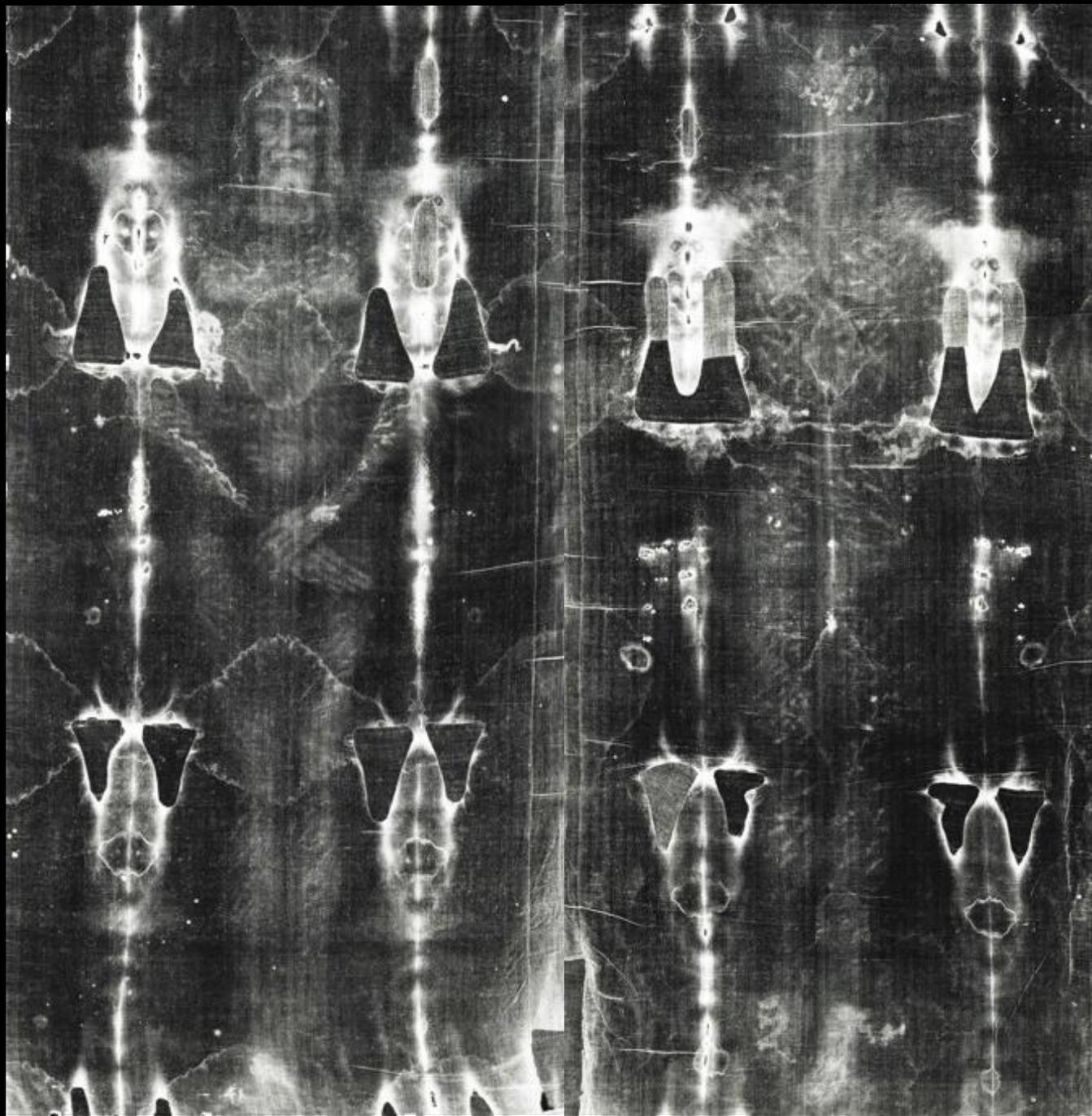
NEGATIVE

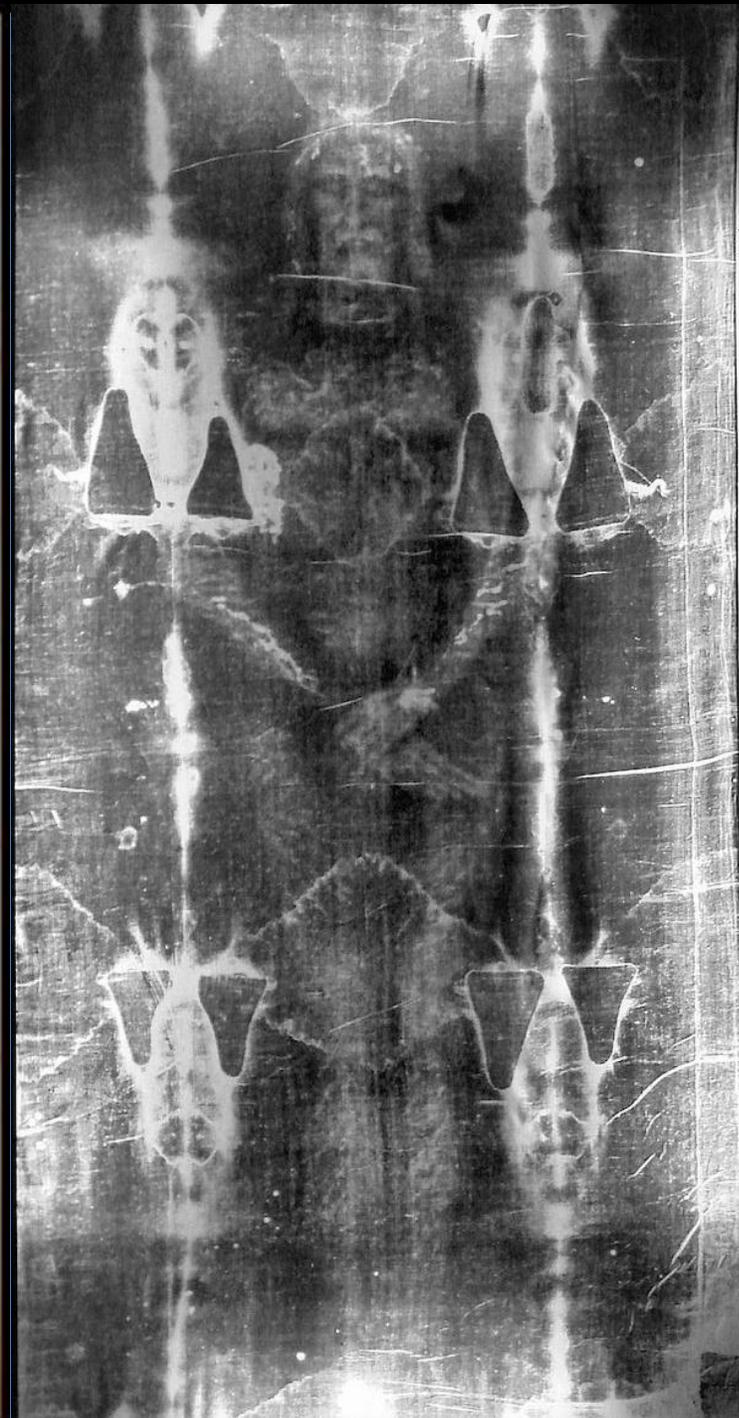
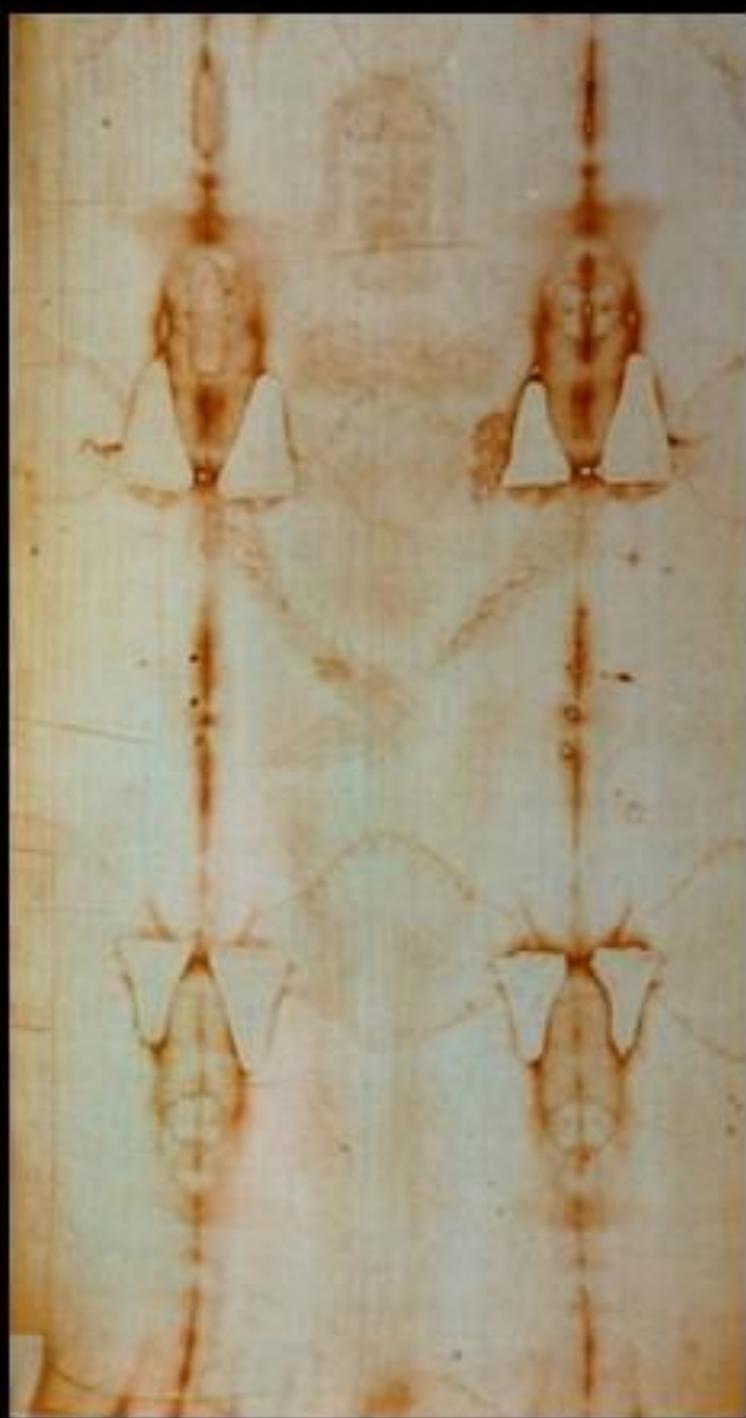


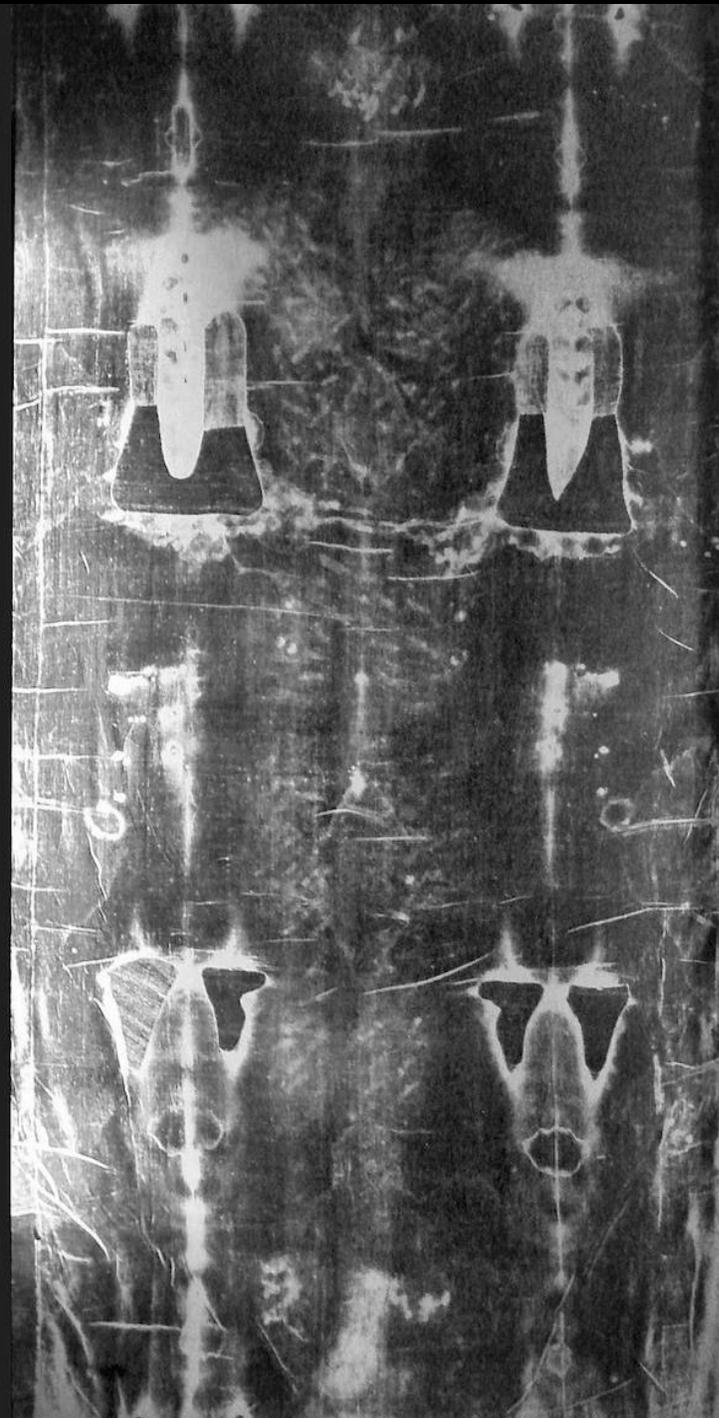
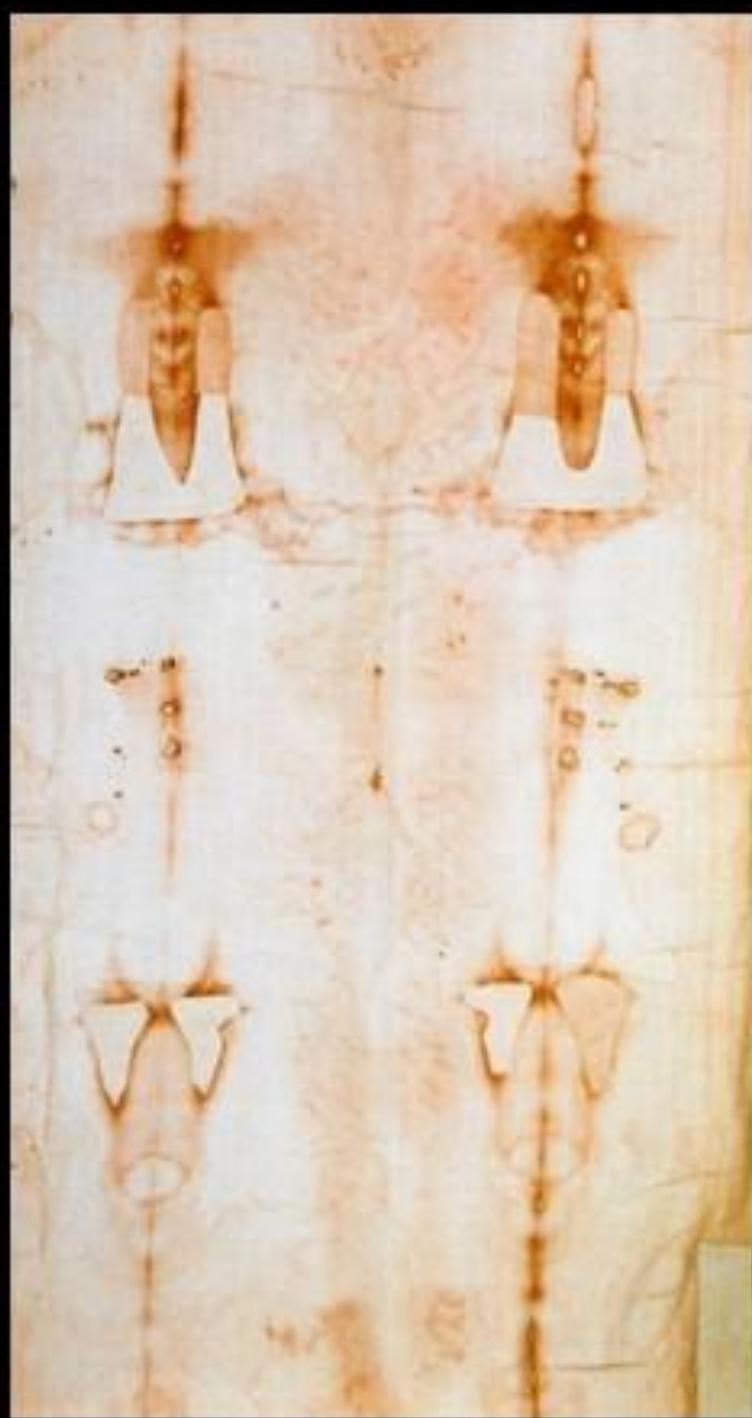
POSITIVE











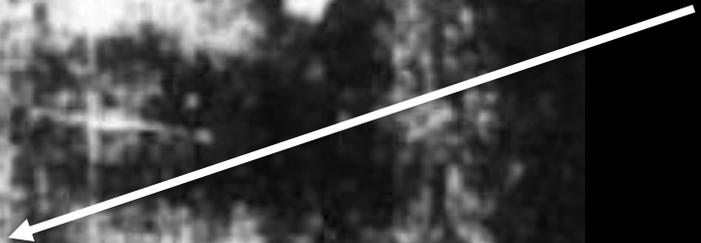


“...As many were  
astonished at Thee;  
His visage  
was so marred  
more than any man,  
and His form  
more than  
the sons of men:”  
Isaiah 52:14

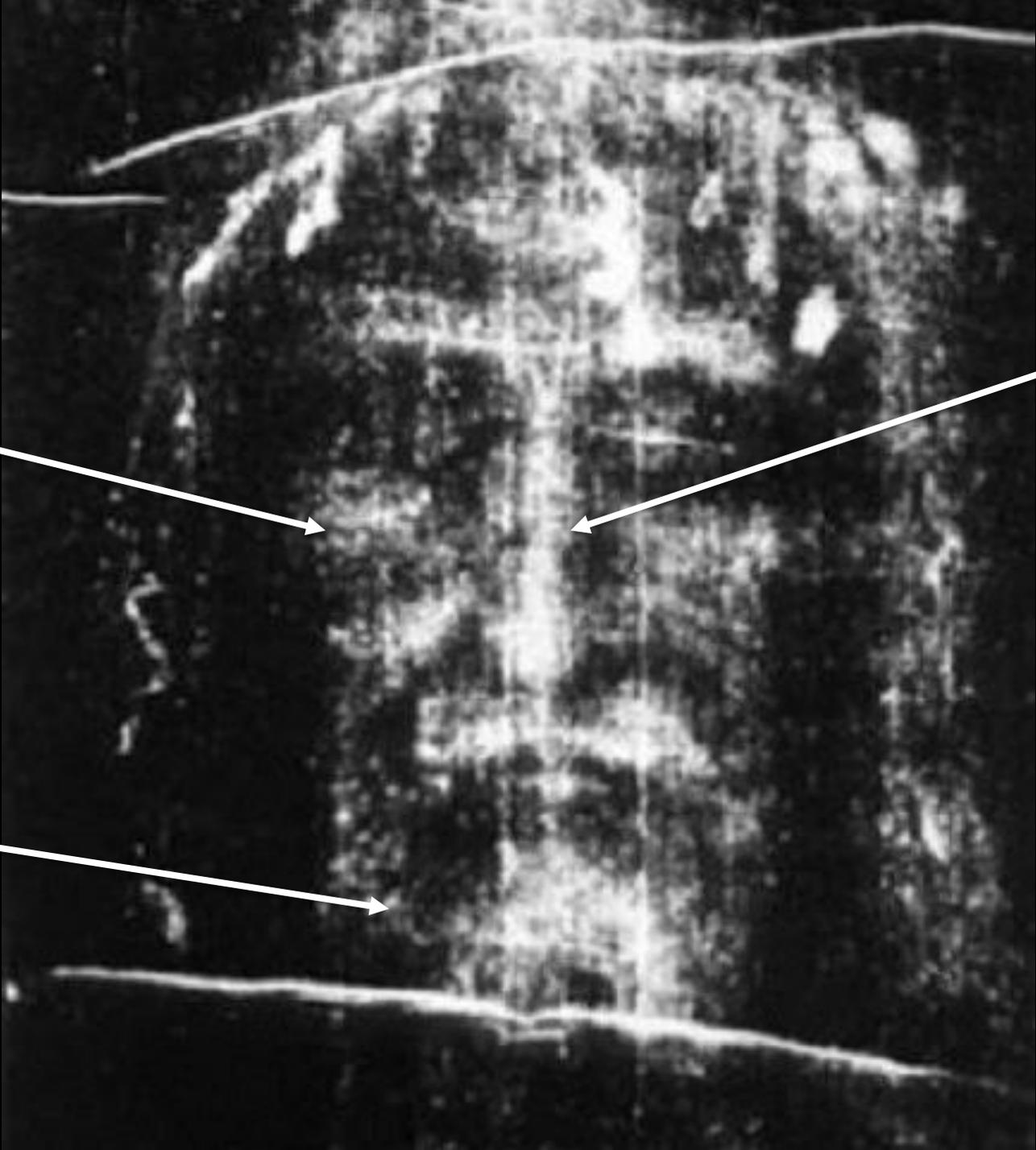
**BRUISED  
CHEEK**



**BROKEN  
NOSE**



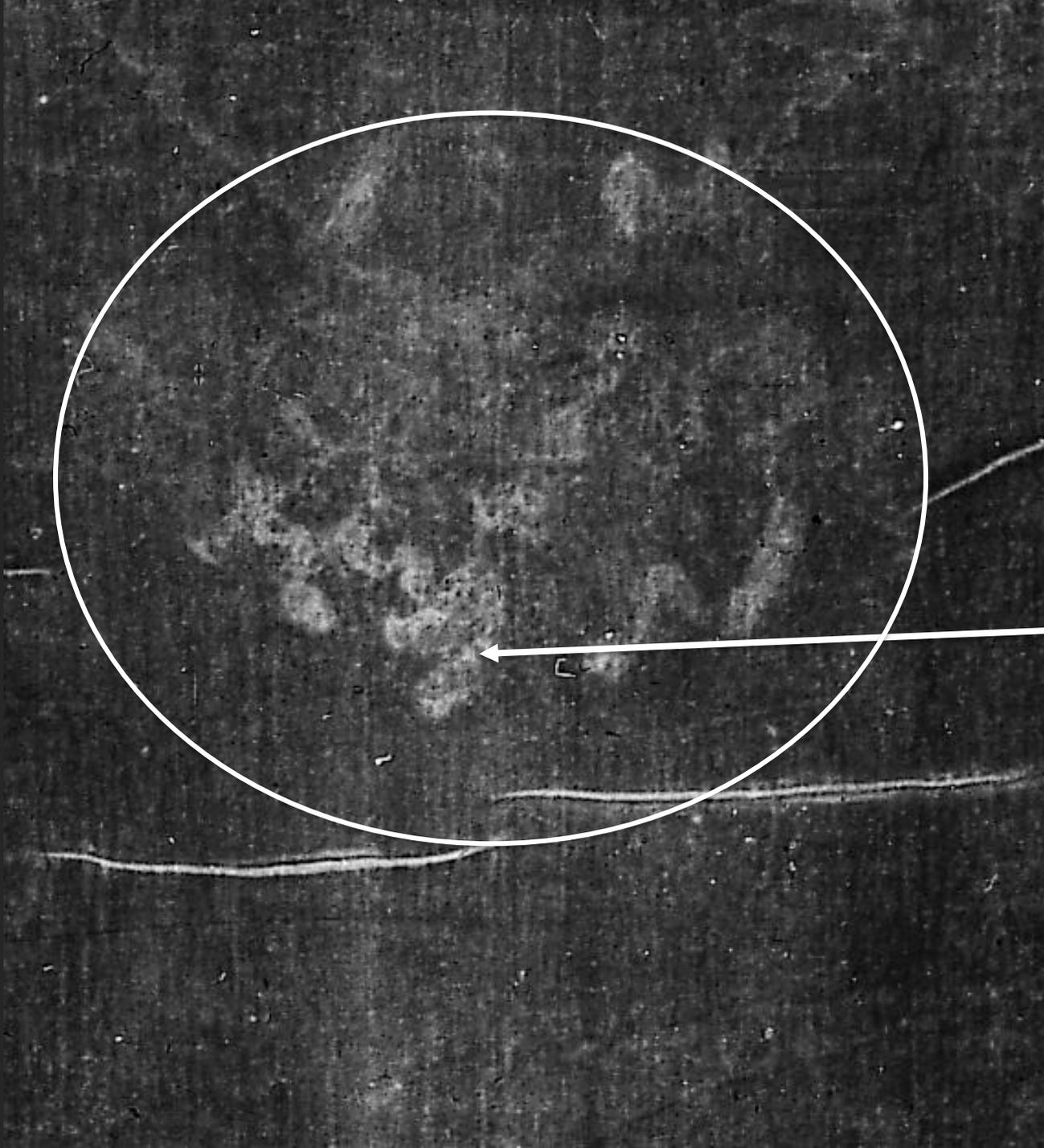
**MISSING  
BEARD**



LARGE BLOOD FLOW  
"3" from  
PUNCTURE WOUND on  
FORHEAD

BLOOD FLOW  
from  
CROWN of THORNS



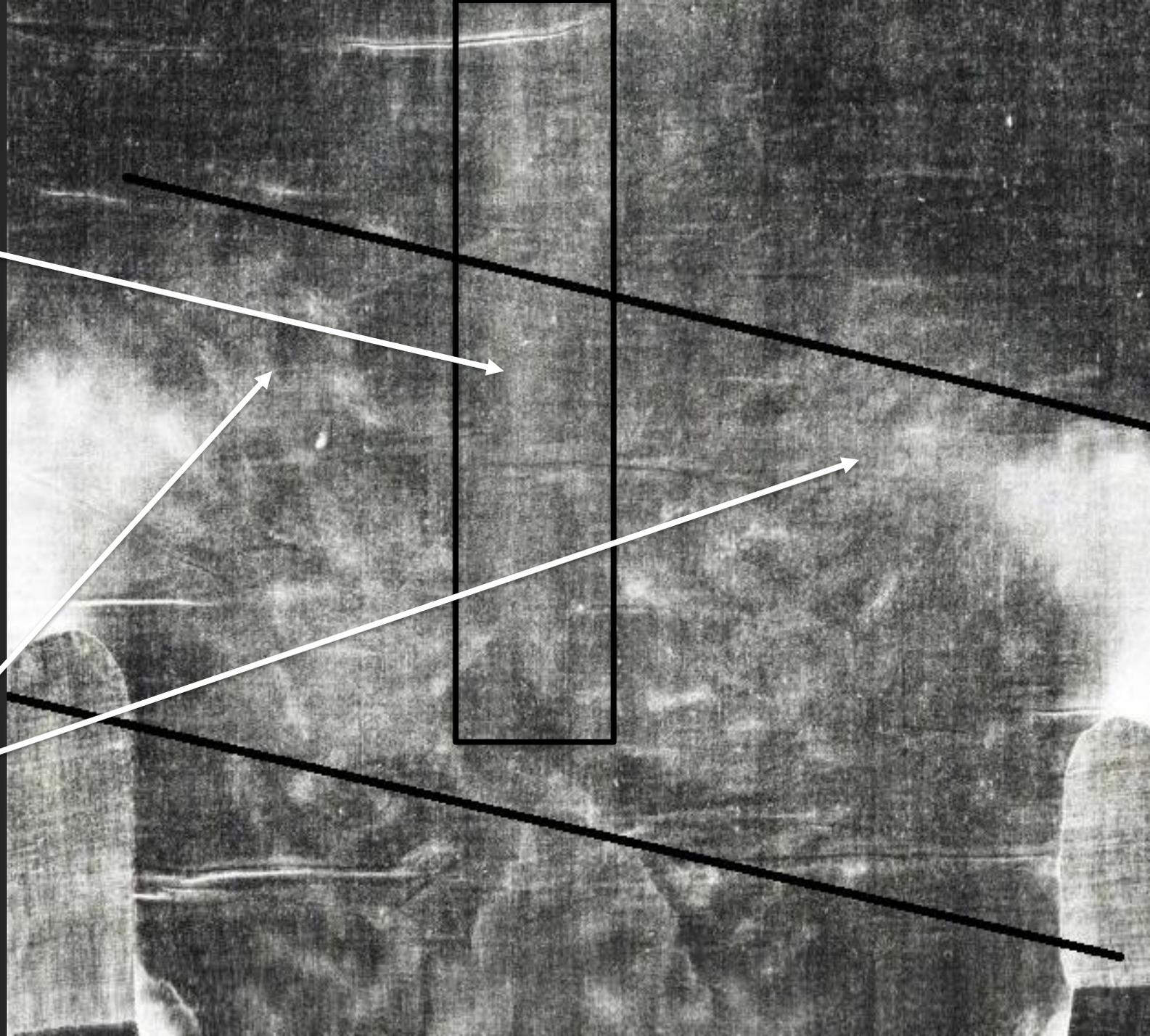


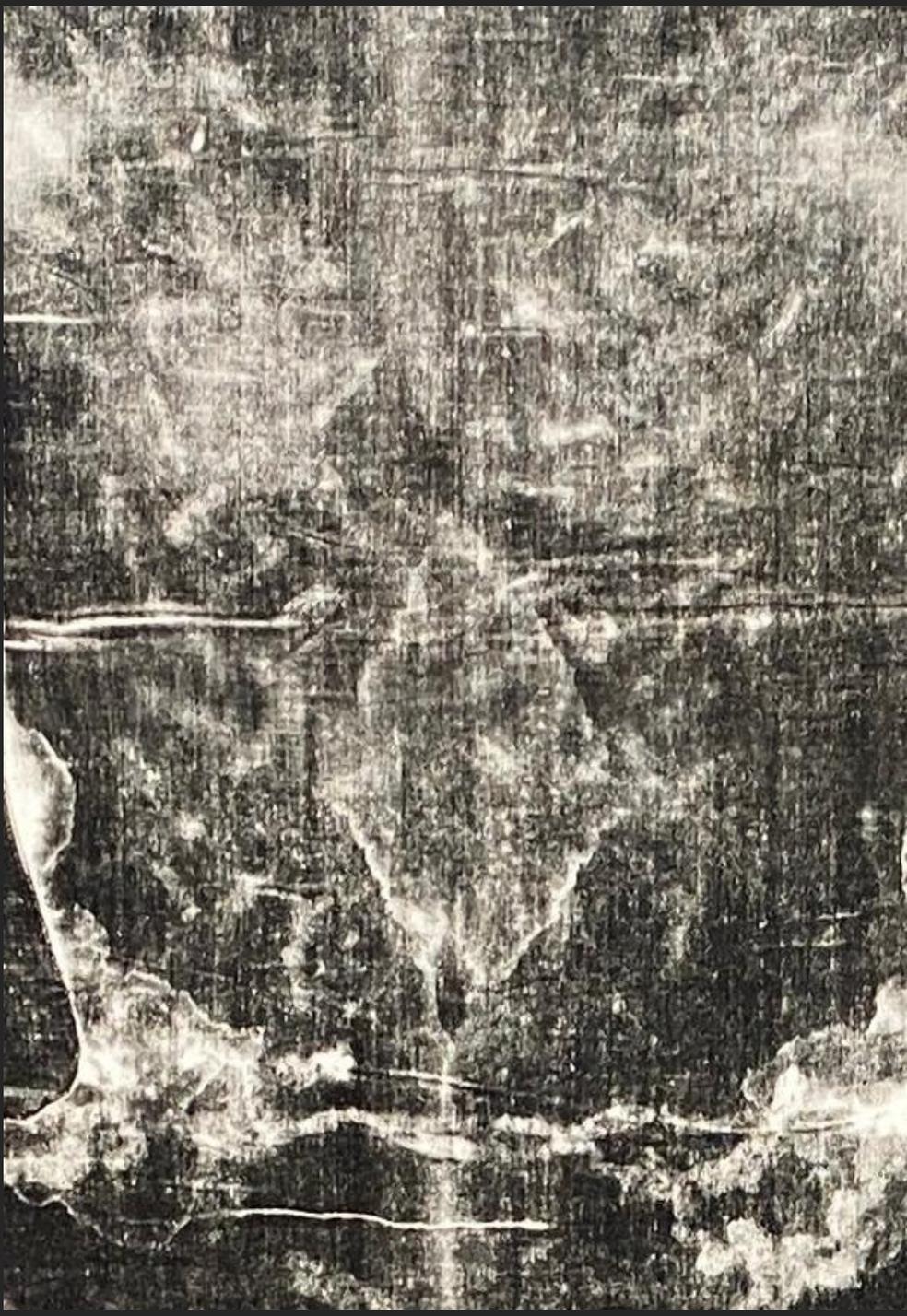
BACK of HEAD

BLOOD FLOW  
from  
CROWN  
of THORNS

PONYTAIL

BACK and  
SHOULDER  
ABRASIONS  
from CROSS

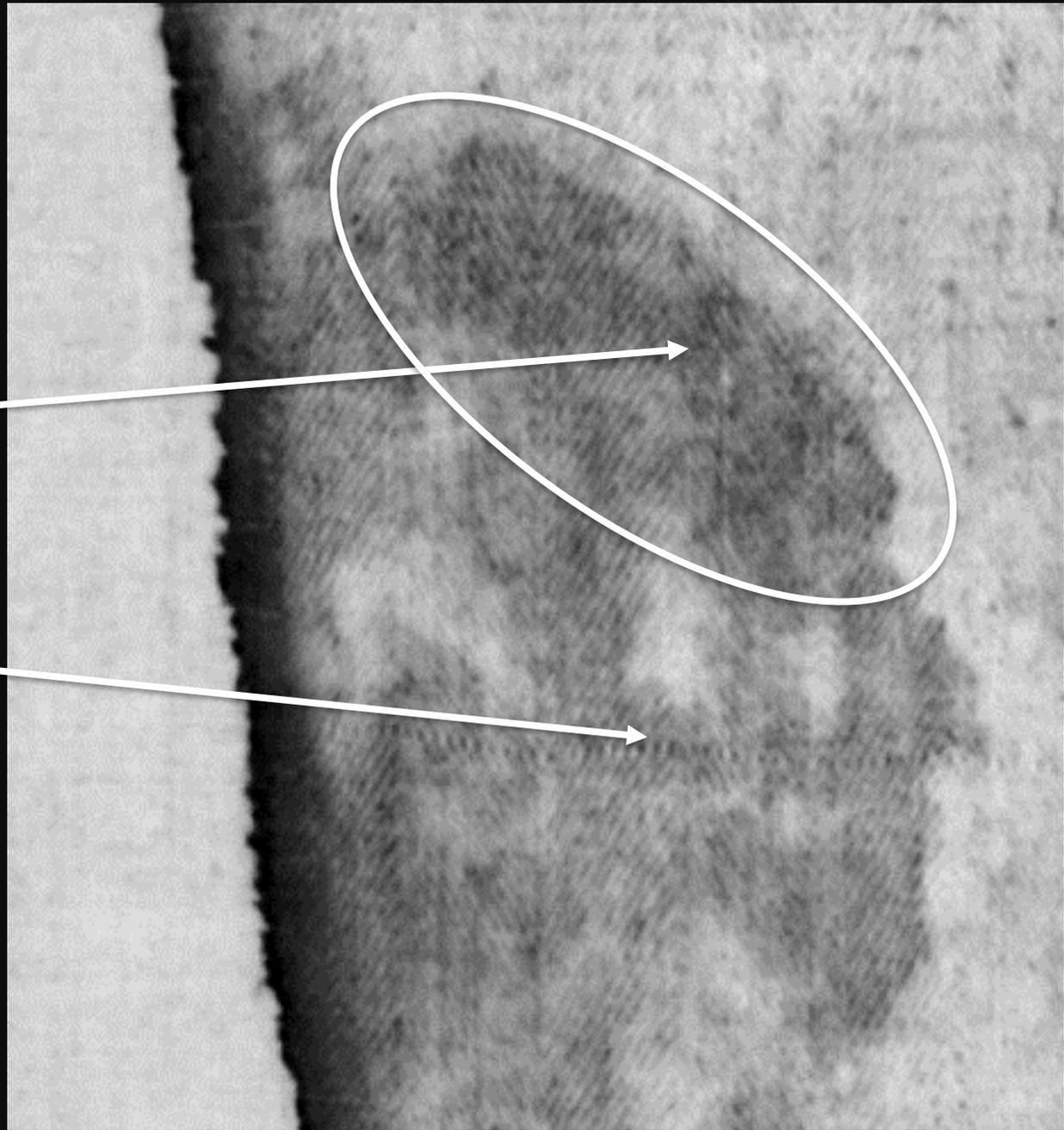


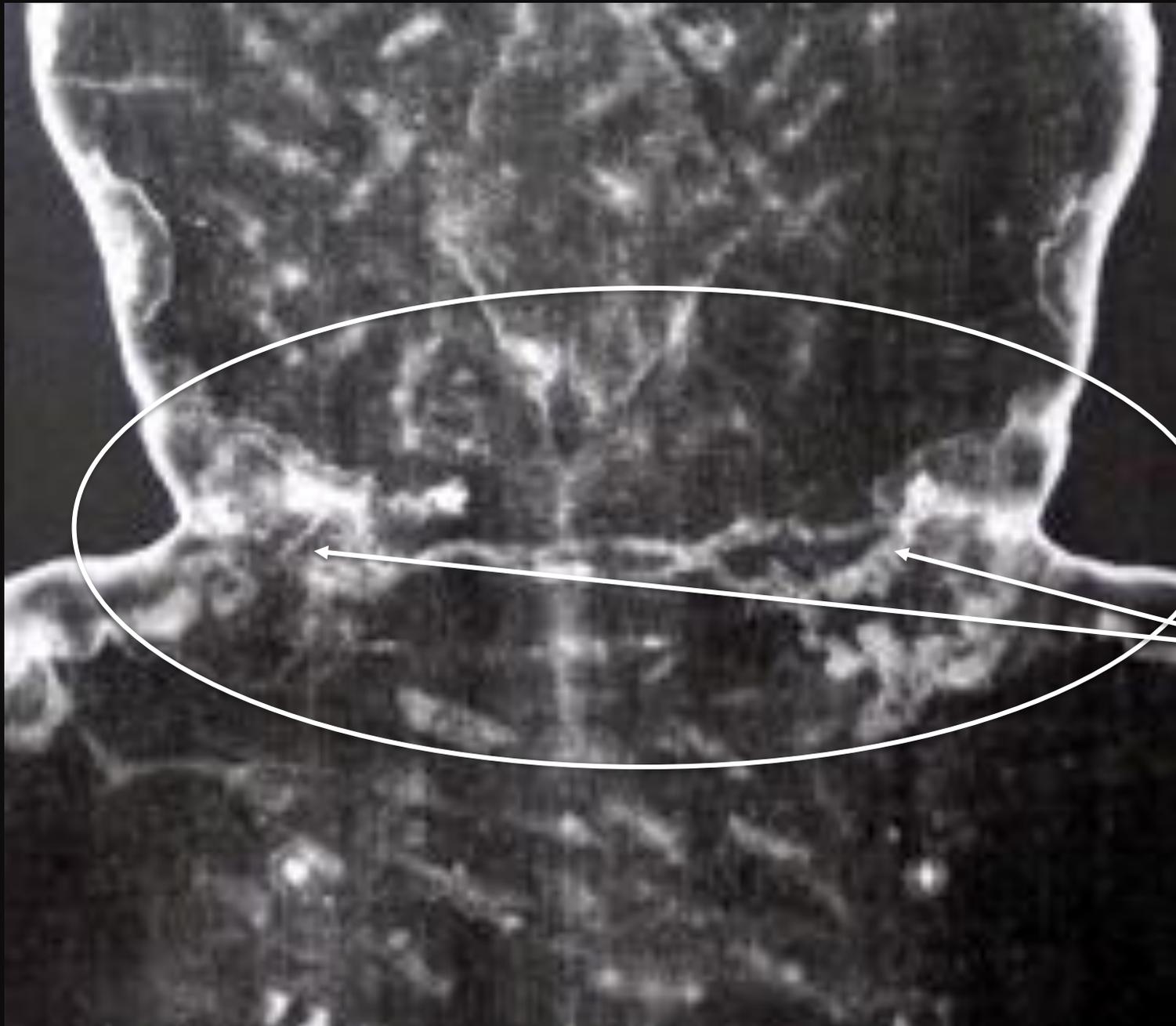


MULTIPLE SCOURGE  
WOUNDS on BACK  
from  
ROMAN FLAGRUM

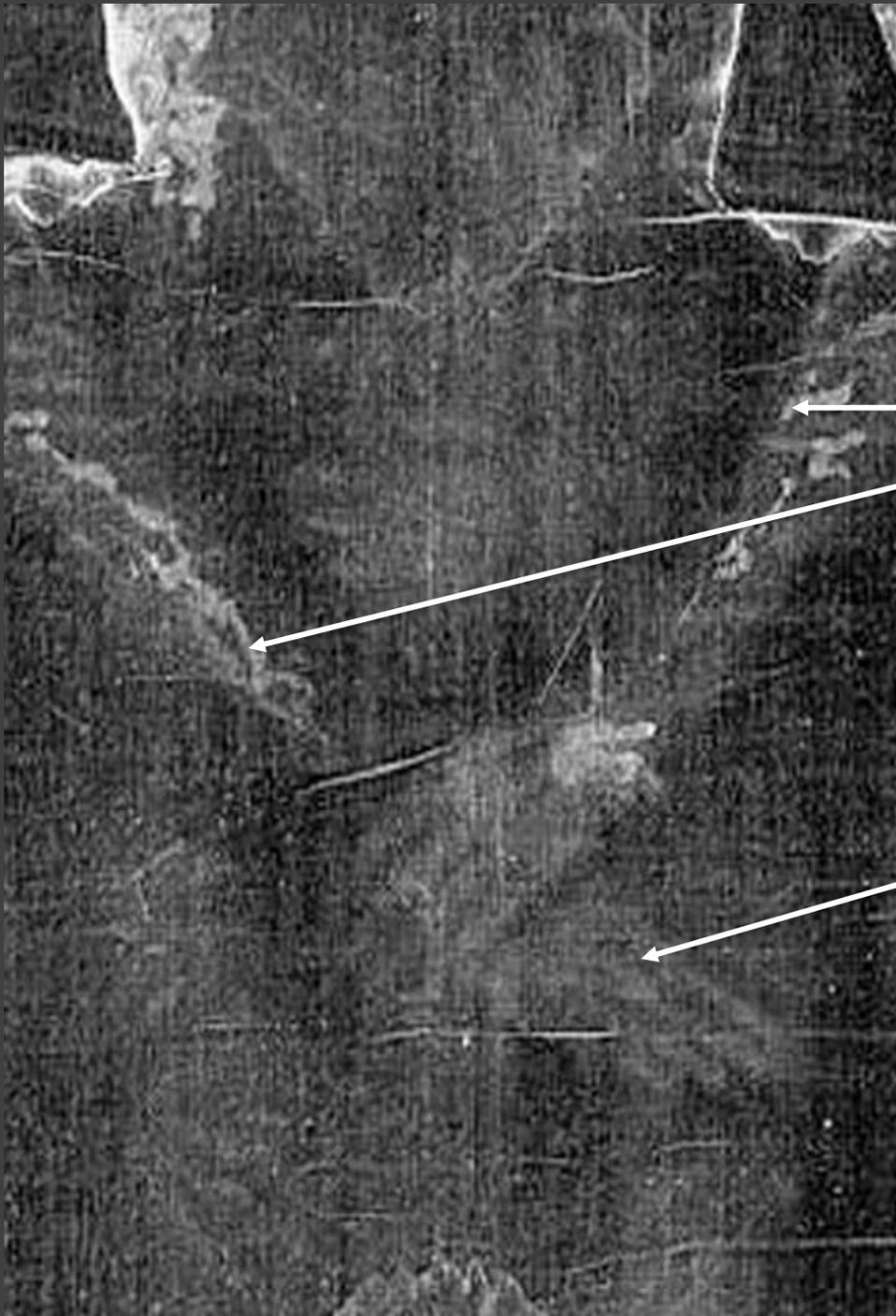


LANCE WOUND  
with  
BLOOD FLOW



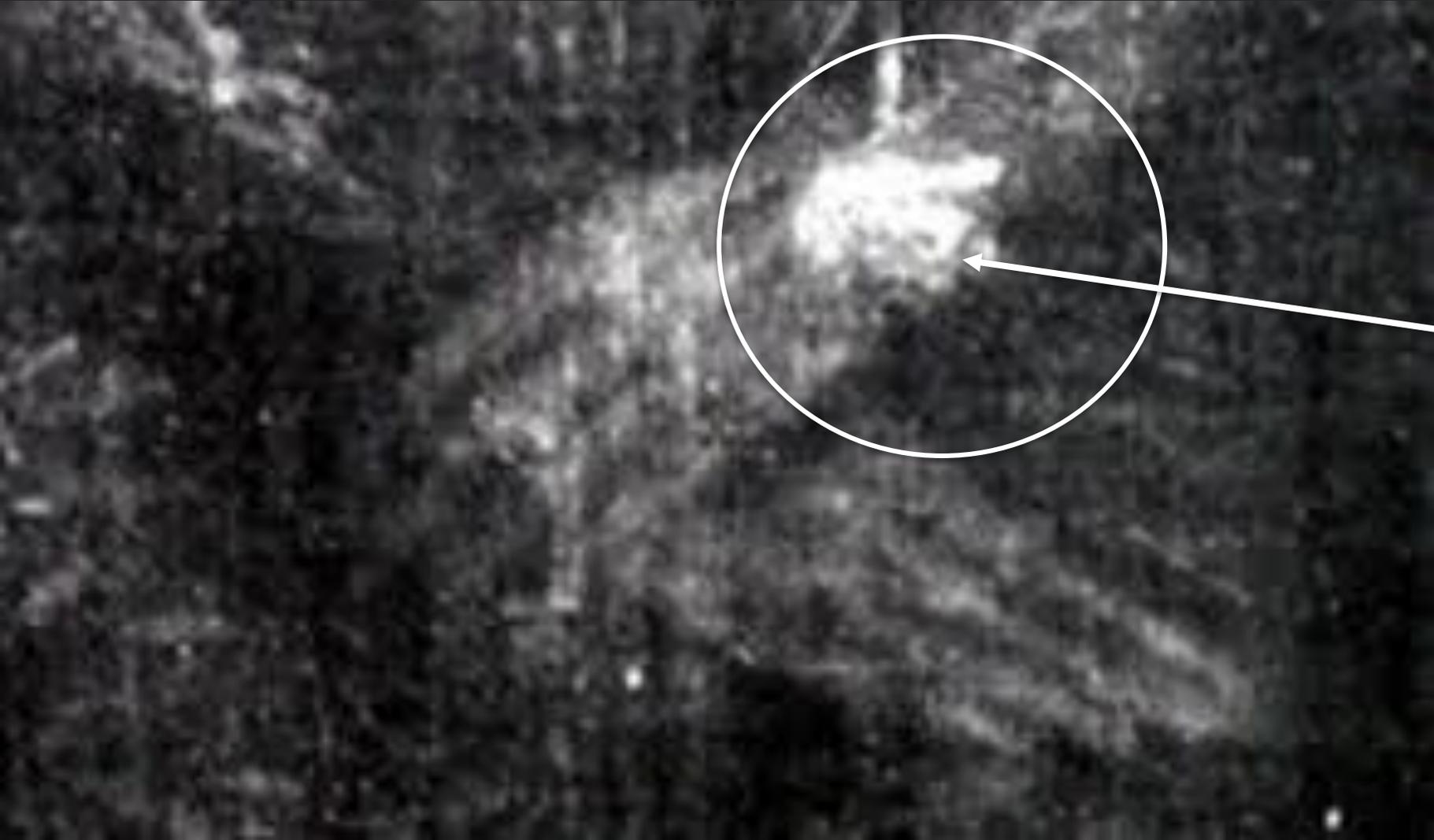


BACK OF  
SHROUD  
with  
BLOOD POOL  
from  
LANCE



**BLOOD FLOW**  
on ARMS

**DISLOCATION of**  
**RIGHT SHOULDER**



**WRIST**

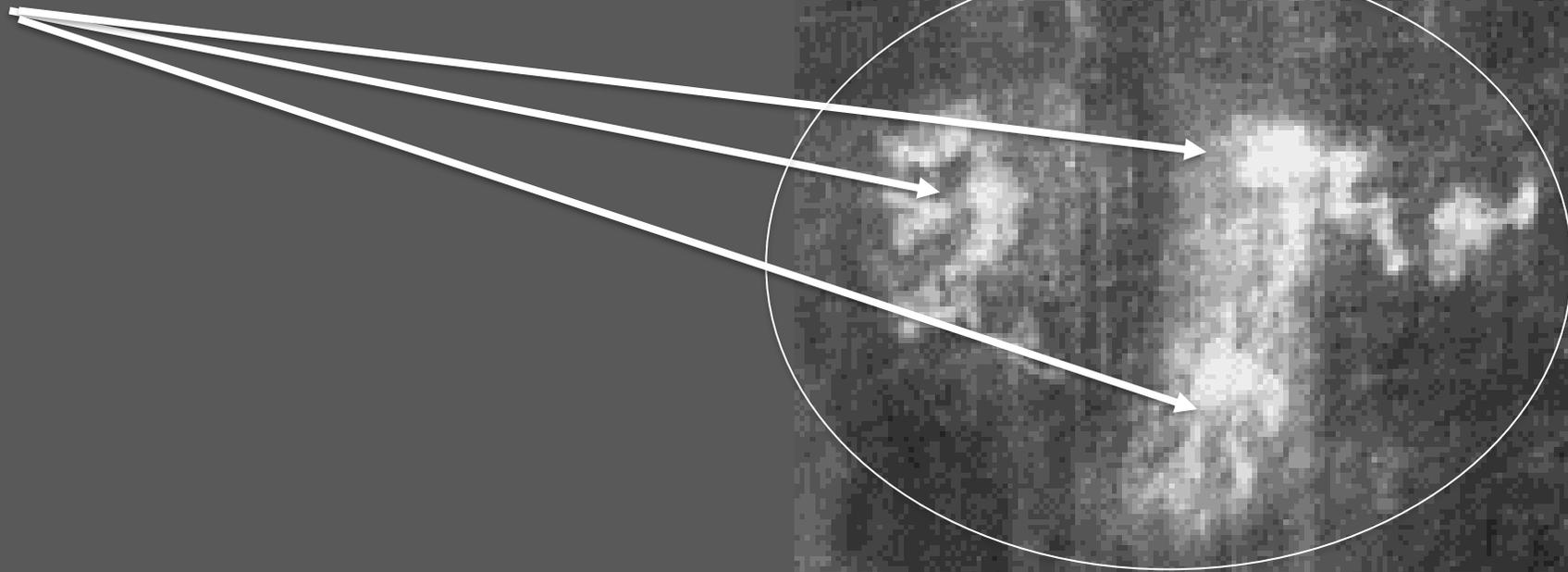
**BLOOD FLOW  
from  
NAIL  
PIERCING**

**DISTENDED  
STOMACH**

**SWOLLEN  
ABDOMEN**



BLOOD FLOW  
on FEET  
from  
NAIL PIERCING



**“And Joseph of Arimathaea,  
bought fine linen, and took Him down  
from the cross, and wrapped Him in it,  
and laid Him in a sepulchre which was  
hewn out of a rock, and rolled a stone  
unto the door of the sepulchre.”**

**Mark 15:46**

# THE SHROUD LINEN

The Shroud is a linen cloth woven in a 3-over-1 herringbone pattern, and measures 14'3" x 3'7".

These dimensions correlate with ancient Jewish measurements of 2 cubits x 8 cubits - consistent with loom technology of the period.

The finer weave of 3-over-1 herringbone is consistent with the New Testament statement that the "sindon" (or shroud) was purchased by Joseph of Arimathea, who was a wealthy man.



# SHROUD IMAGE

The images are scorch-like, yet not created by heat, and are a purely surface phenomenon limited to the crowns of the top fibers.

STURP determined that the image was caused by rapid dehydration, oxidation and degradation of the linen by an unidentified process, coloring it a sepia or straw yellow.

(The image appears to have been created by light.)



# THE HISTORY OF THE SHROUD

# King Abgar - The Image of Edessa

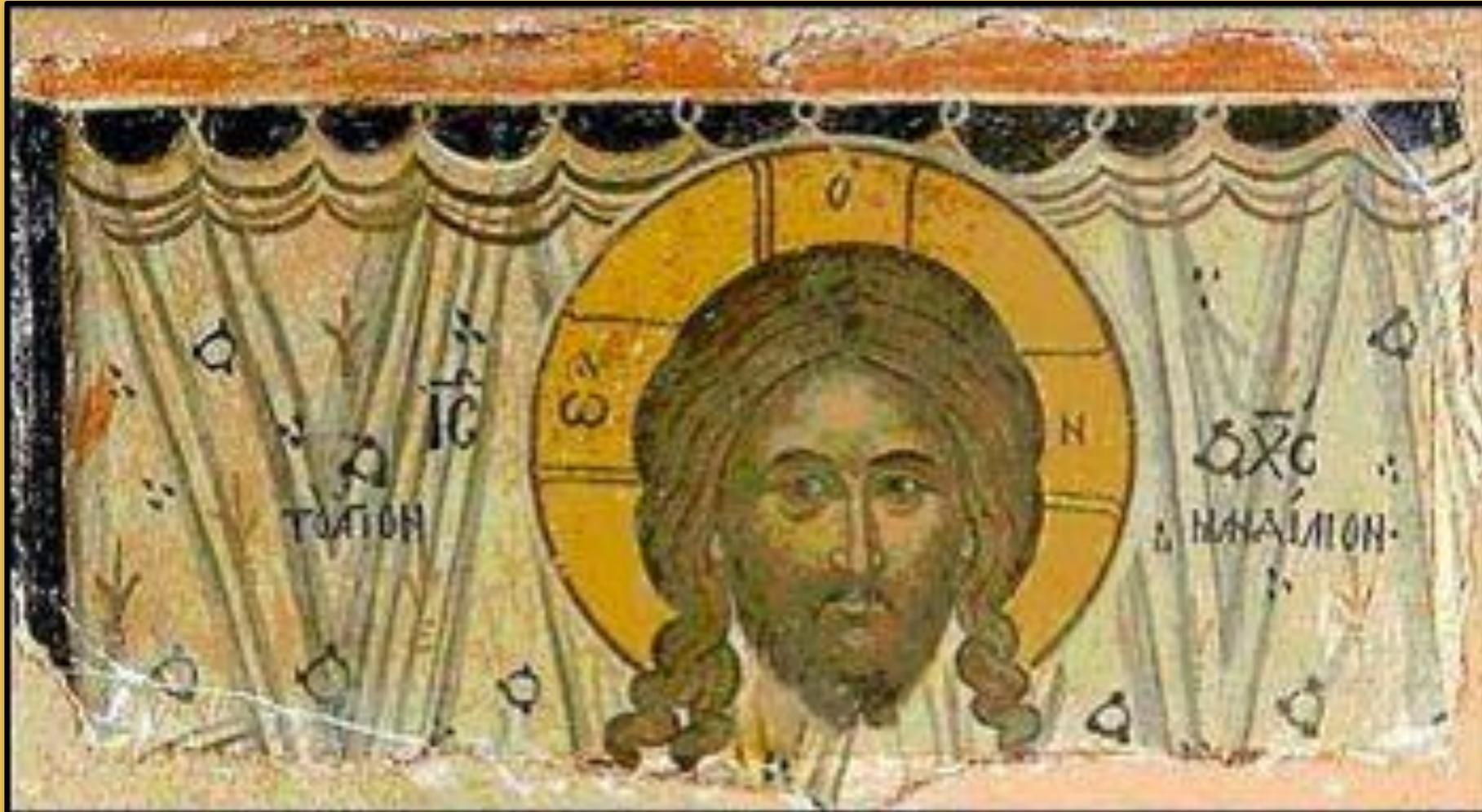




Image of Edessa  
rediscovered above  
the Western Gate 525AD  
(after city was flooded)

# MANDYLION

“Image not made with hands”

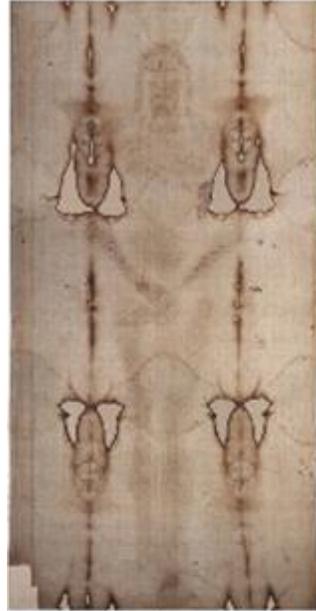


A microscopic image of a plant stem cross-section. The image shows several vascular bundles arranged in a ring. Each bundle has a central pith cell, which is a large, rectangular cell with a distinct nucleus. The surrounding cells are smaller and more densely packed. The overall structure is characteristic of a stem with scattered vascular bundles.

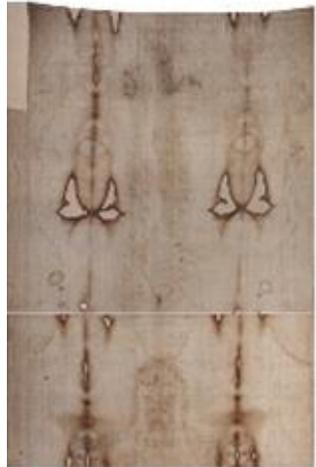
TETRAIDIPLON



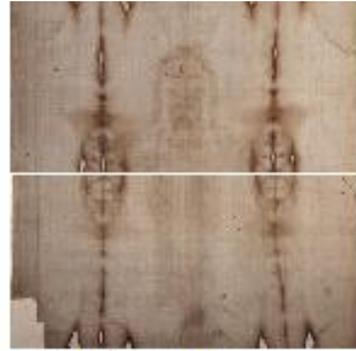
1. Full-length Shroud



2. First doubling



3. Second doubling



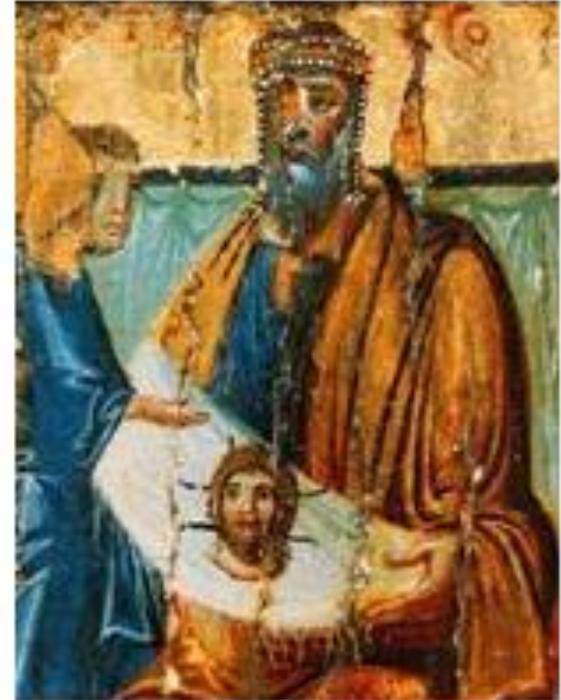
4. Third doubling



5. Fourth doubling



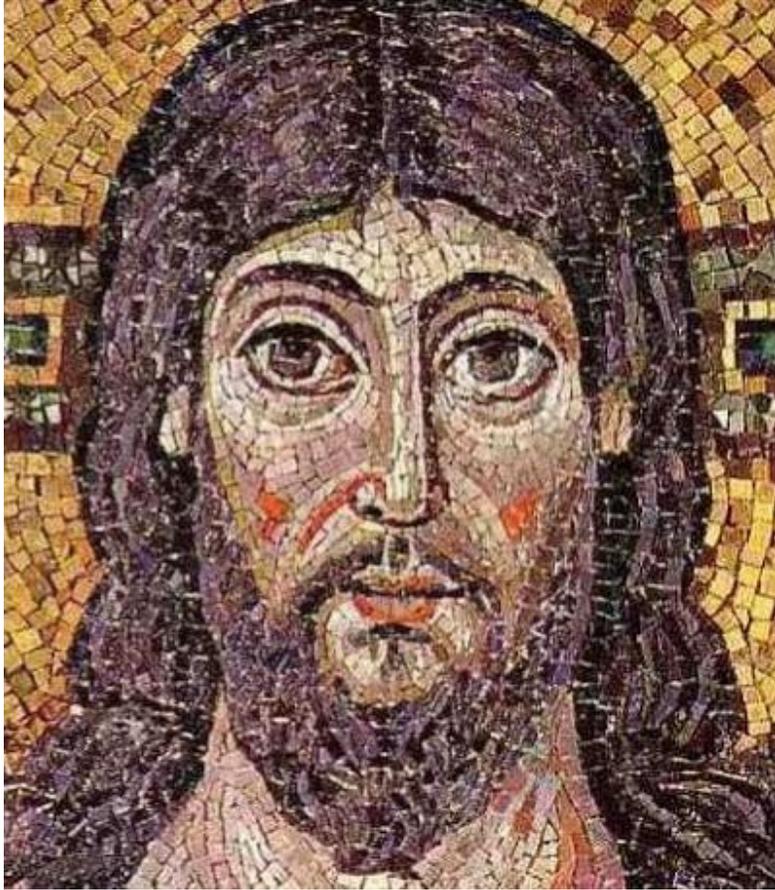
6. Sakli church, Turkey



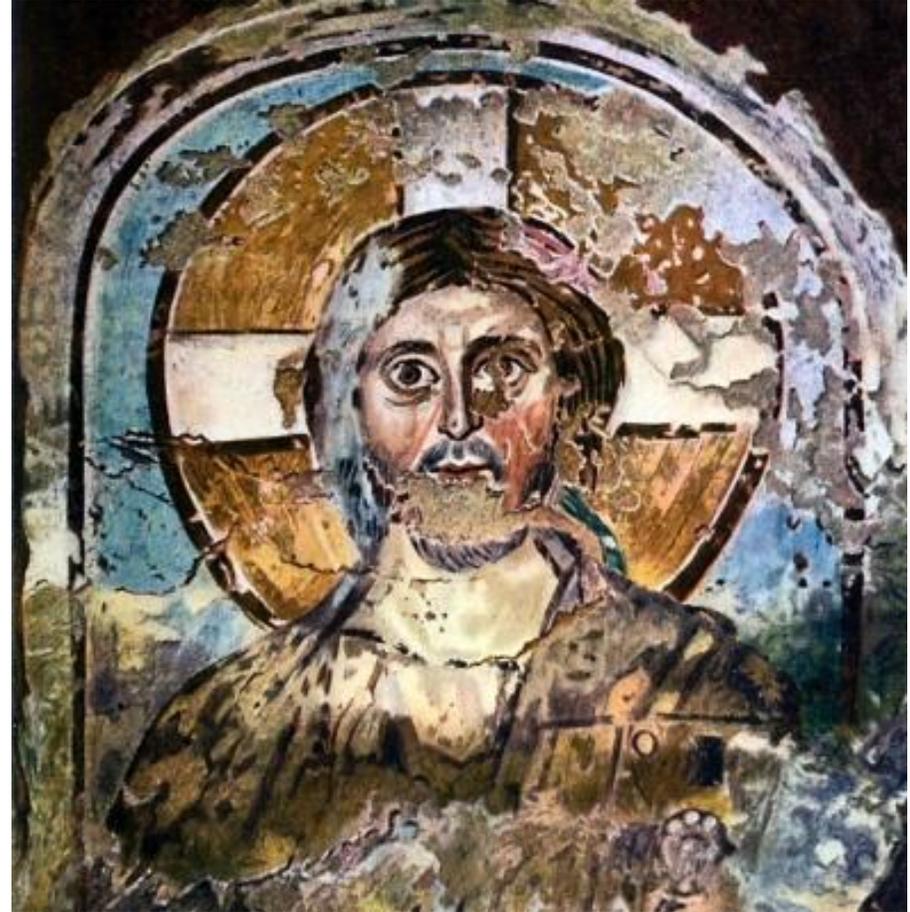
7. St. Catherine's, Sinai



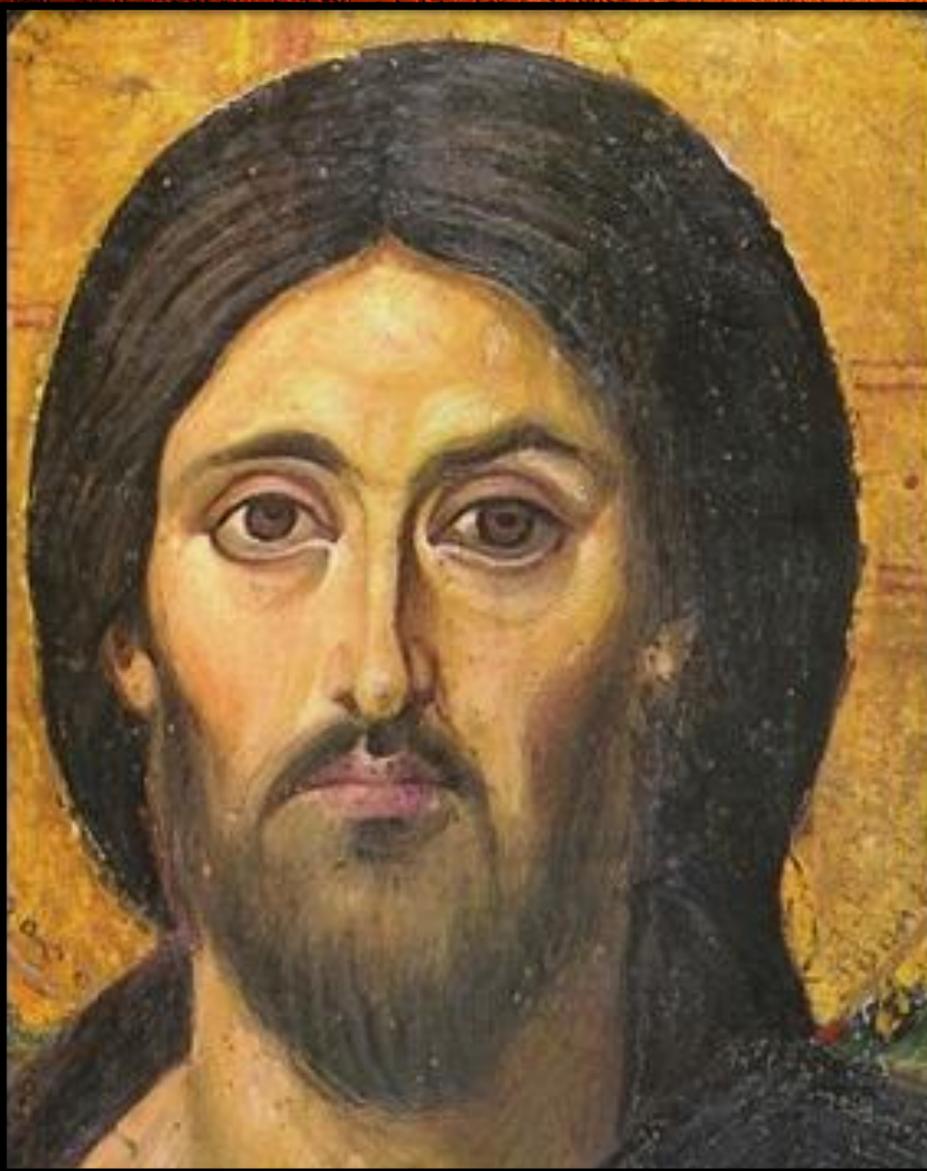
- 1.) Christ Healing a bleeding woman, as depicted in the Catacombs of Rome.
  - 2.) The Hinton St. Mary Mosaic, (early fourth century);
  - 3.) One of the earliest known depictions of the Crucifixion in Christian art.  
It was made in Rome about AD 420-30
-



Christ Pantocrator mosaic,  
Sant'Apollinare Nuovo church at  
Ravenna, Italy 6<sup>th</sup> c.



Bust of Christ.  
Catacomb of St. Pontianus, 8<sup>th</sup> c.



CHRIST PANTOCRATOR





# JUSTINIAN COIN

---



# FROM THE TOMB TO TURIN...

- After resurrection, the disciple, Thaddeus, carries a cloth to King Abgar (30AD – 50AD)
- Cloth becomes known as, “The Image of Edessa”/Mandyllion (facecloth)
- After King Abgar’s death (50AD) cloth disappears due to persecution from his second son (Manu)
- Image of Edessa rediscovered (525AD) above the Western Gate (after city was flooded)
- From 525AD onward, “Image of Edessa”/Mandyllion venerated as the “Face of Christ” in the city of Edessa (tetradiplon)

- 943<sub>AD</sub> Byzantine emperor, Romanus Lecapenus, sends his army to Edessa to rescue the cloth from the city which is now under Muslim control. (tetradiplon)
- Taken to Constantinople (943<sub>AD</sub> –1204<sub>AD</sub>)
- 1204<sub>AD</sub> Constantinople sacked by French/Italian knight crusaders during 4<sup>th</sup> Crusade (“Image of Edessa”/Shroud stolen during looting of city)
- 1204<sub>AD</sub> –1353<sub>AD</sub> (Missing Years)
- 1357<sub>AD</sub> Shroud is publicly exhibited at church in Lirey, France (owned by Geoffrey de Charny family)
- 1453<sub>AD</sub> – Ownership of Shroud transferred by Margaret de Charny (granddaughter of Geoffrey) to royal House of Savoy

- 1532<sub>AD</sub> – Shroud in fire while housed in a church in Chambery, France (NOTE: If it was a painting, it would have melted at 900°)
- 1534<sub>AD</sub> – Poor Clare nuns of France sew new backing cloth and patches onto damaged Shroud
- 1578<sub>AD</sub> – House of Savoy moves Shroud over the Alps to Torino, Italy
- 1898<sub>AD</sub> – First photograph is taken by Secundo Pio (photographic properties discovered)





# THE SHROUD AND SCIENCE

ST. JOHN THE  
BAPTIST  
CATHEDRAL  
Turin, Italy



S.T.U.R.P.  
October 8-13  
1978

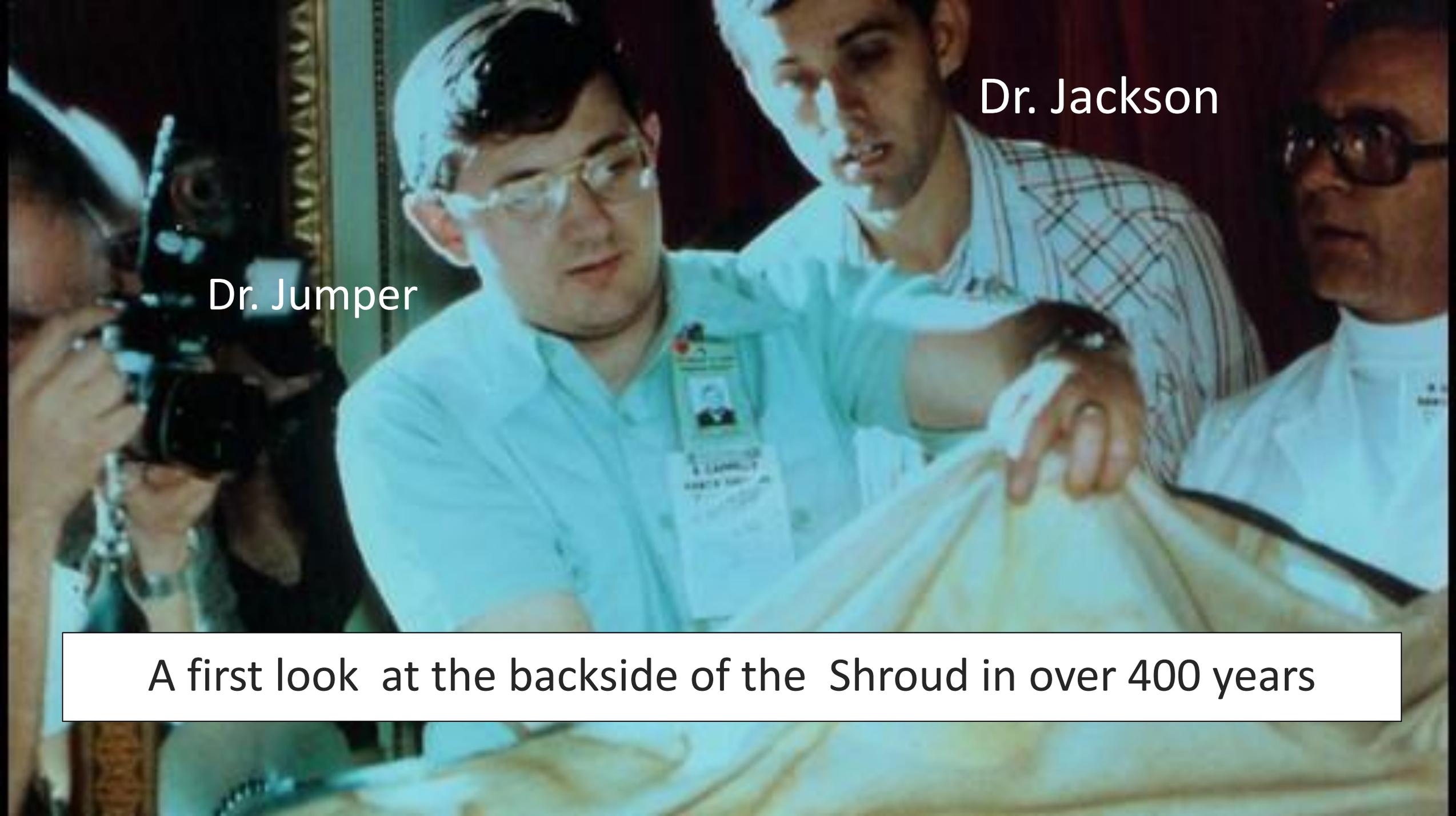


## **Organizations represented within the Shroud of Turin Research Project (STURP)**

**Lockheed Corporation  
U.S. Air Force Weapons Laboratories  
Brooks Institute of Photography  
Harris County, Texas, Medical Examiner's Office  
Oceanographic Services Inc.  
University of Colorado  
Los Alamos National Scientific Laboratories  
IBM  
Western Connecticut State University  
Nuclear Technology Corporation  
Los Angeles County Museum  
St. Agnes Medical Center  
Oriental Corporation  
Rocky Mountain Thermograph  
New England Institute  
U.S. Air Force Academy  
Jet Propulsion Laboratory  
Sandia Laboratories  
Santa Barbara Research Center  
Barrie Schwartz Studios**

Smoothing out  
the wrinkles

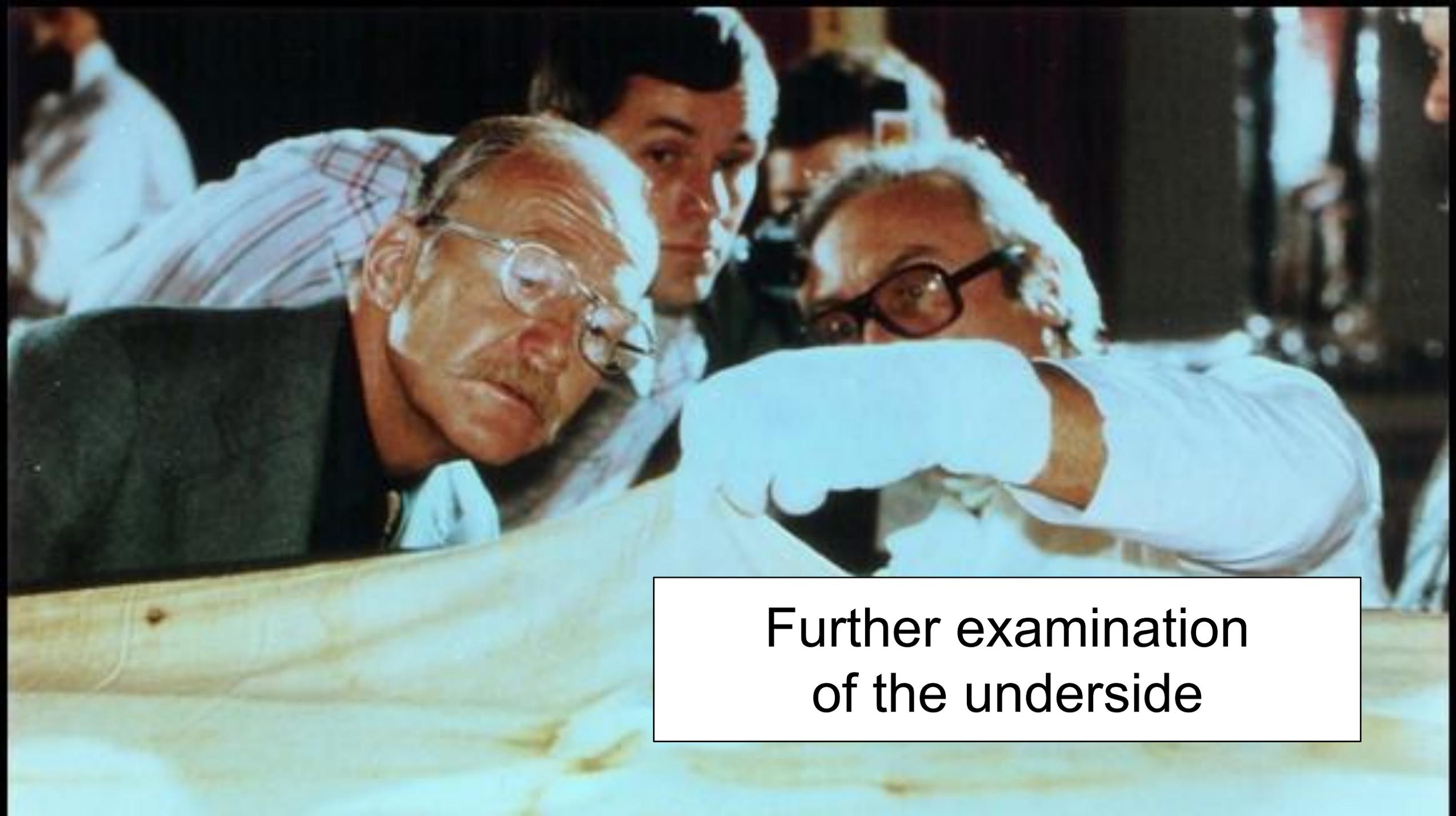




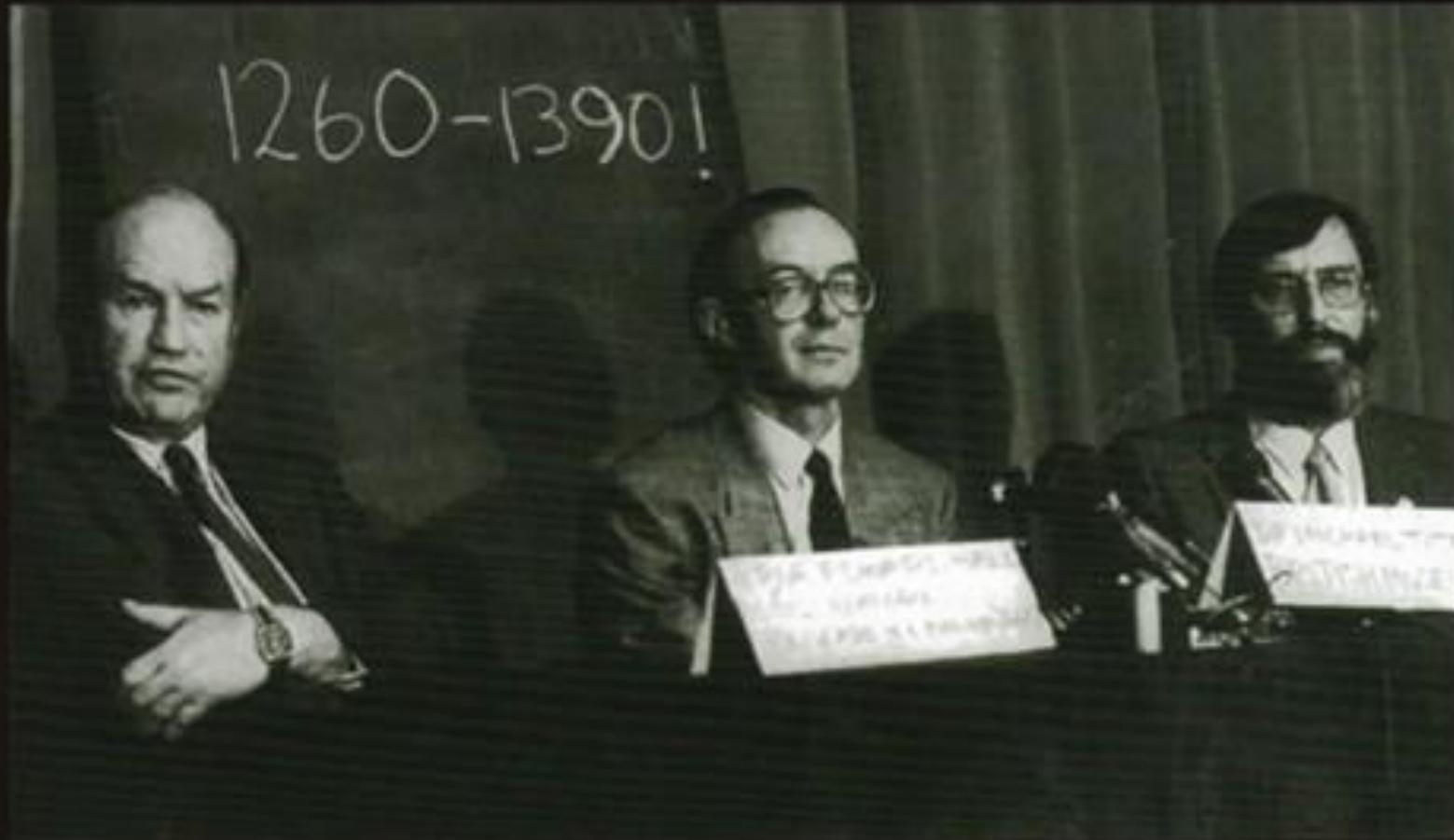
Dr. Jackson

Dr. Jumper

A first look at the backside of the Shroud in over 400 years



Further examination  
of the underside



©1988 Telegraph Group Ltd., London

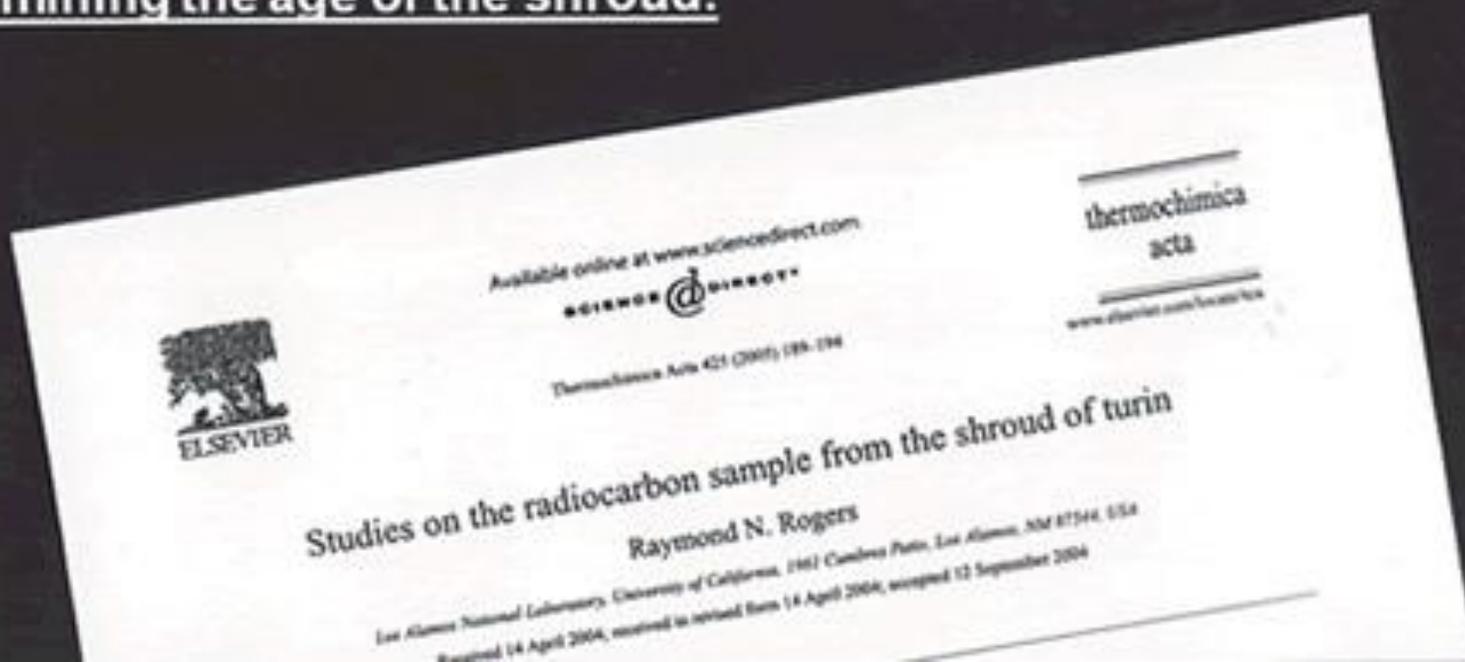
Three labs performed independent carbon dating tests on the Shroud in 1988. They concluded the Shroud dated between 1260 and 1390 A.D., was medieval in origin and was therefore not old enough to have wrapped the body of Jesus. Their conclusion was generally accepted around the world.

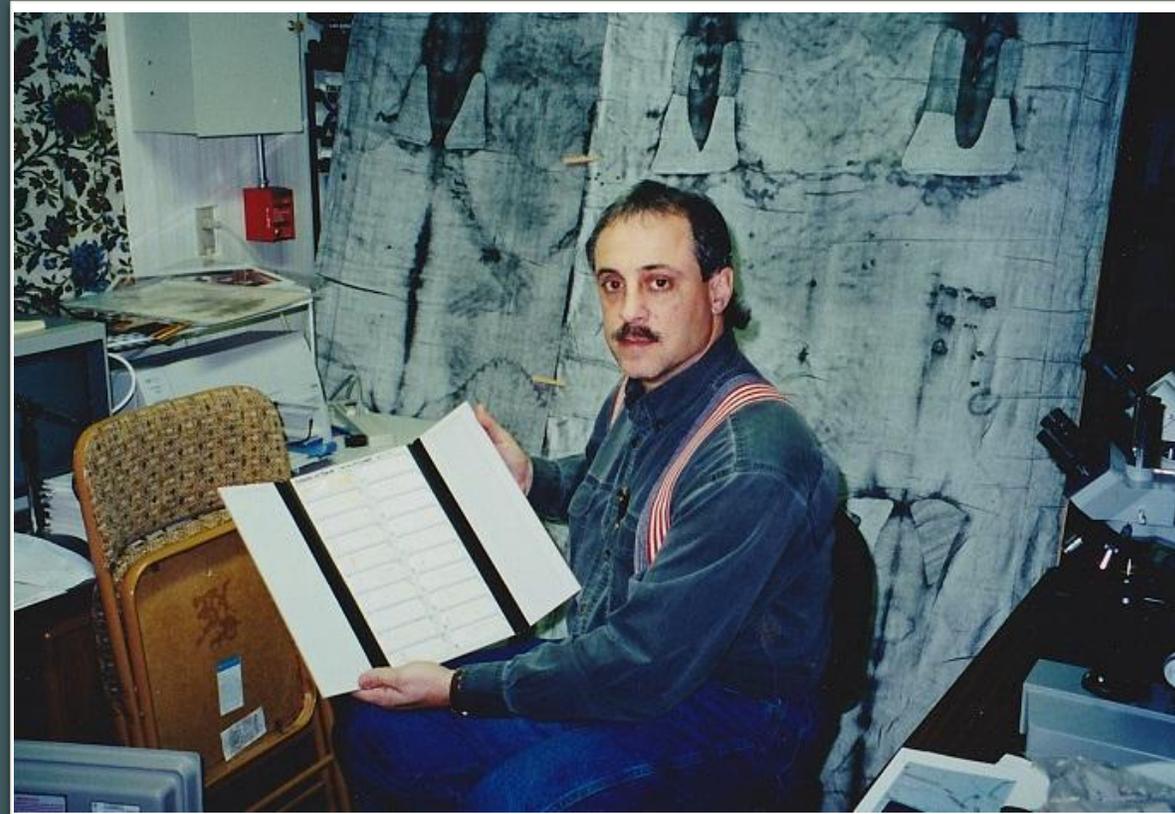
On January 20, 2005, a paper by Ray Rogers, leader of STURP'S Chemistry Group, was published in "THERMOCHIMICA ACTA," a highly respected peer reviewed scientific journal.

The paper concludes:

The combined evidence from chemical kinetics, analytical chemistry, cotton content, and pyrolysis/mass spectrometry proves that the material from the radiocarbon area of the shroud is significantly different from that of the main cloth.

The radiocarbon sample was thus not part of the original cloth and is invalid for determining the age of the shroud.





# HOLDING MAX FREI'S STICKY TAPES

(Specimens from Shroud 1973 and 1978)

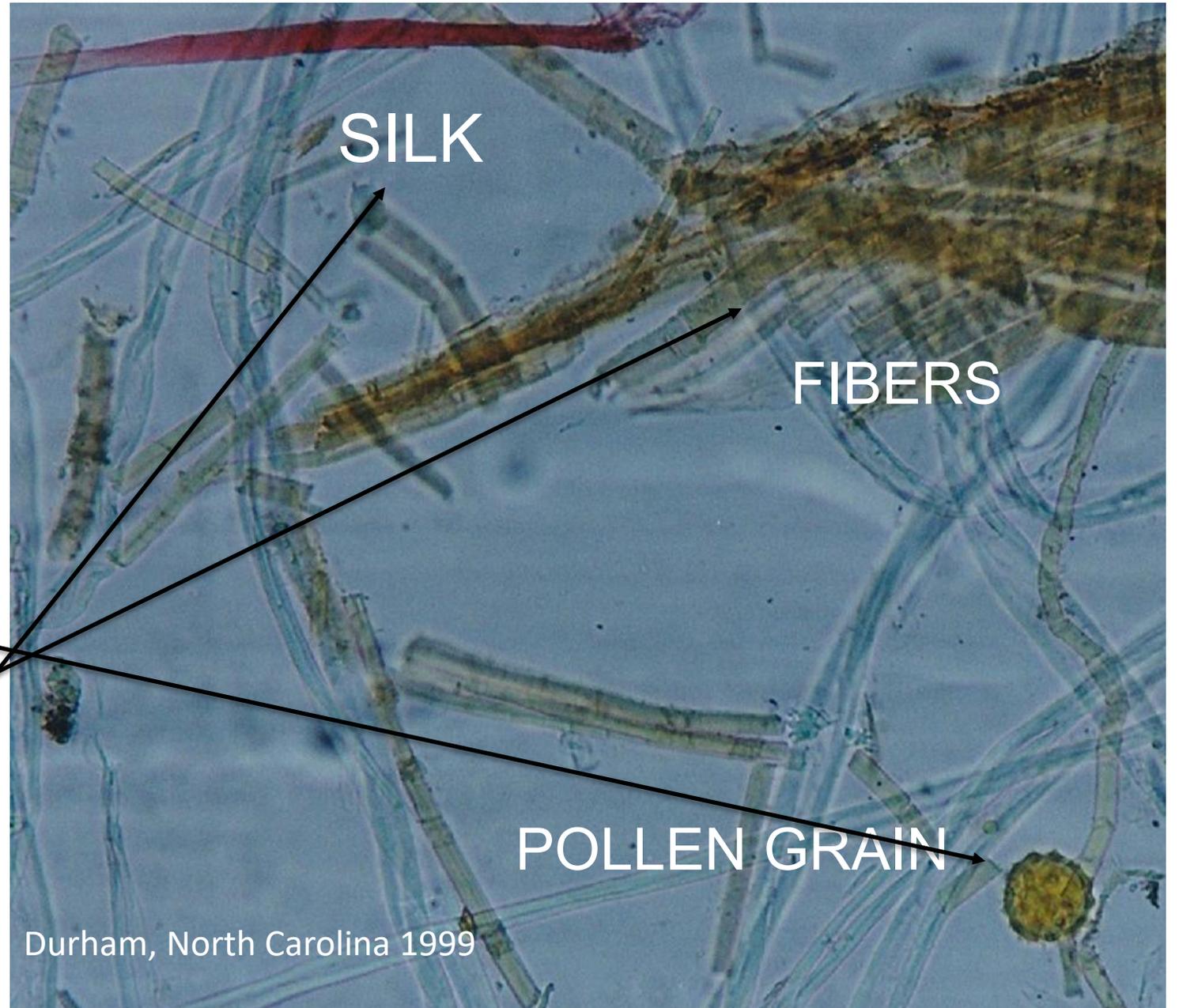


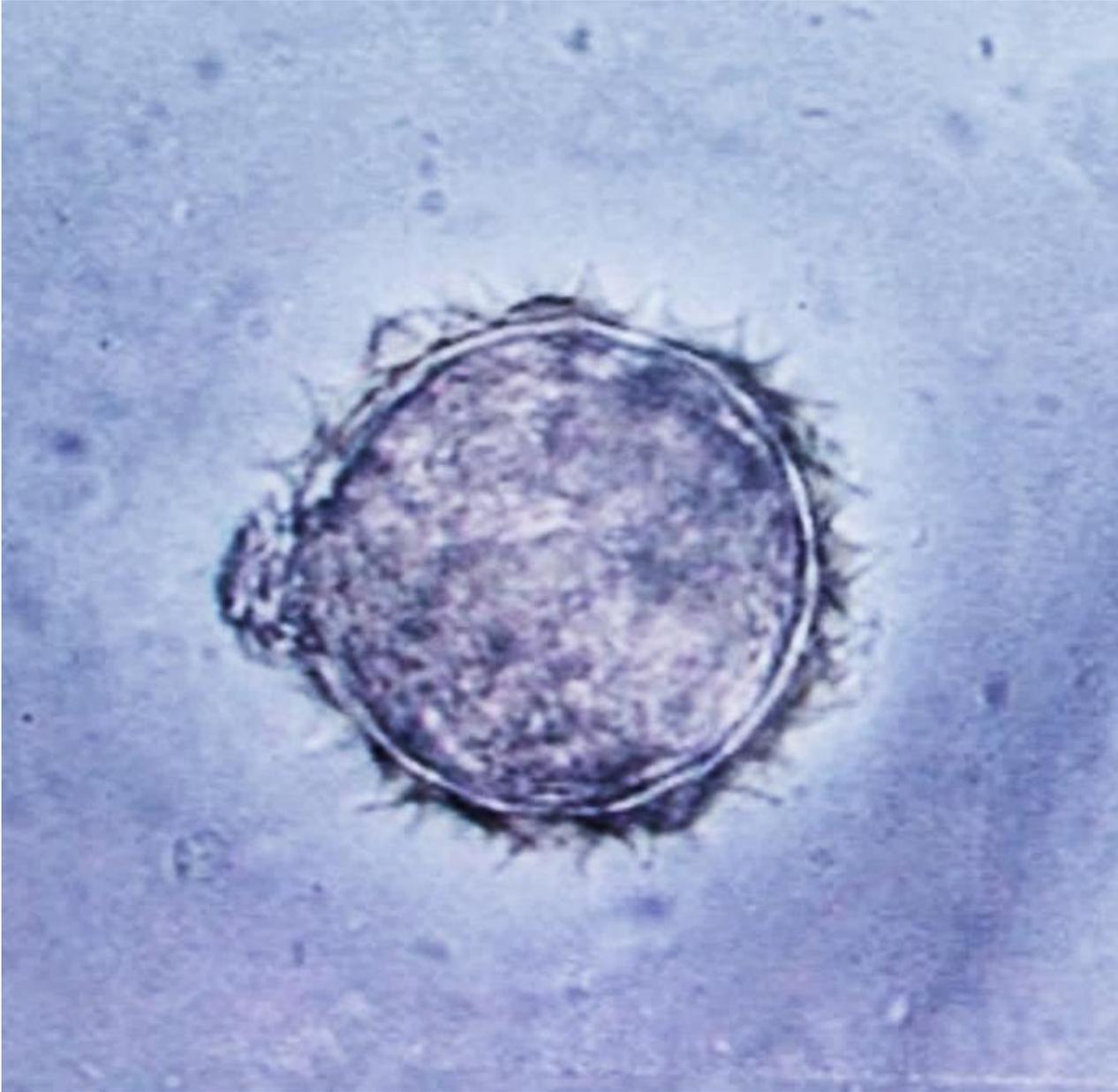
HOLDING GUNDELIA TOURNIFORTII SPECIMENS

---

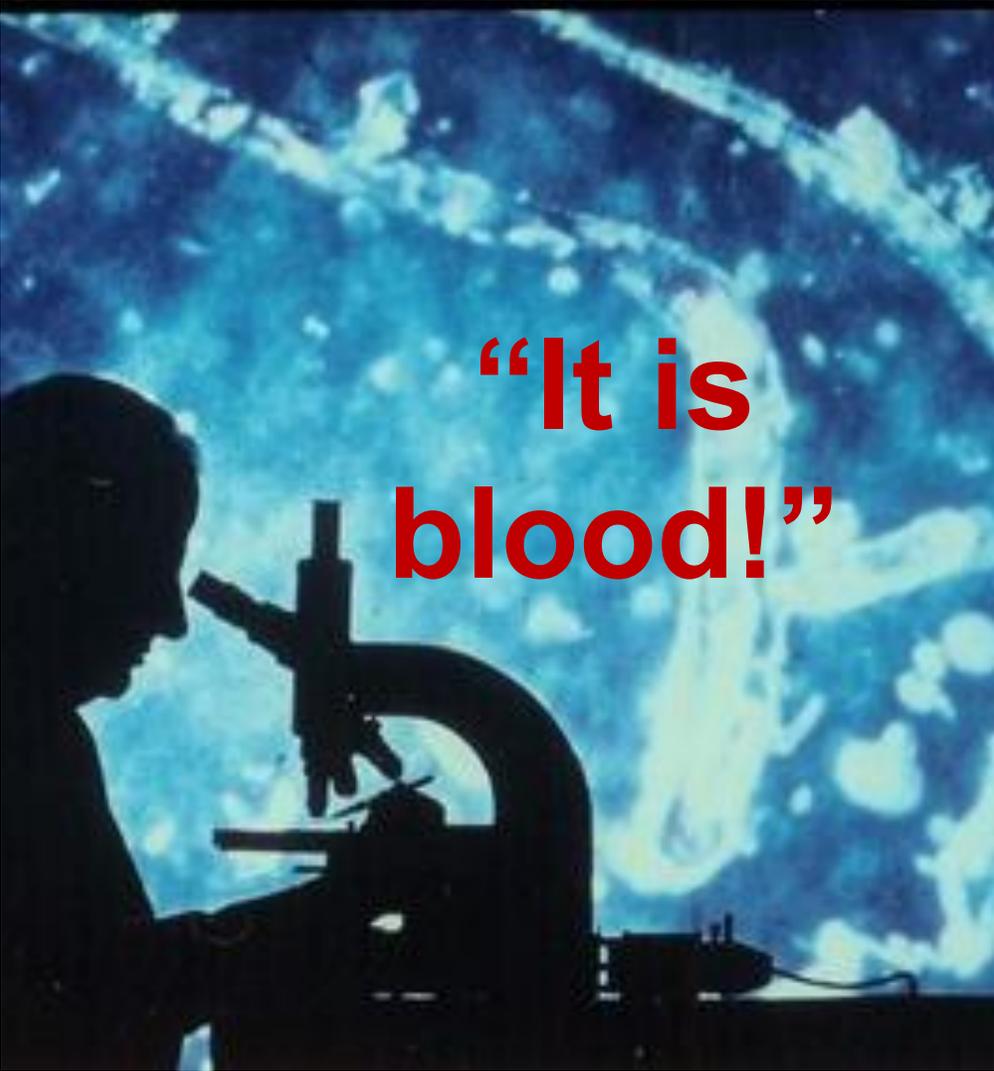
# STICKY TAPE SAMPLE

- GUNDELIA  
TOURNEFORTII  
POLLEN GRAIN  
(from crown of thorns)
- LINEN FIBERS
- RED SILK FIBER



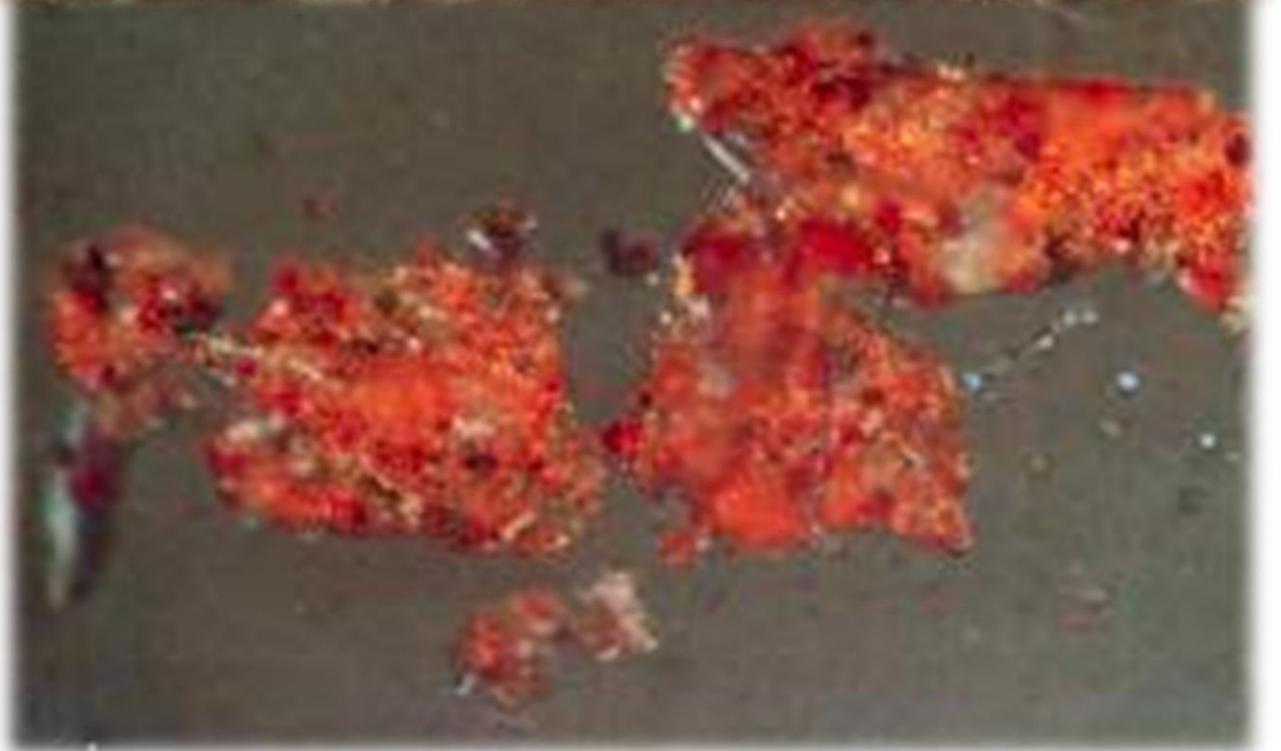


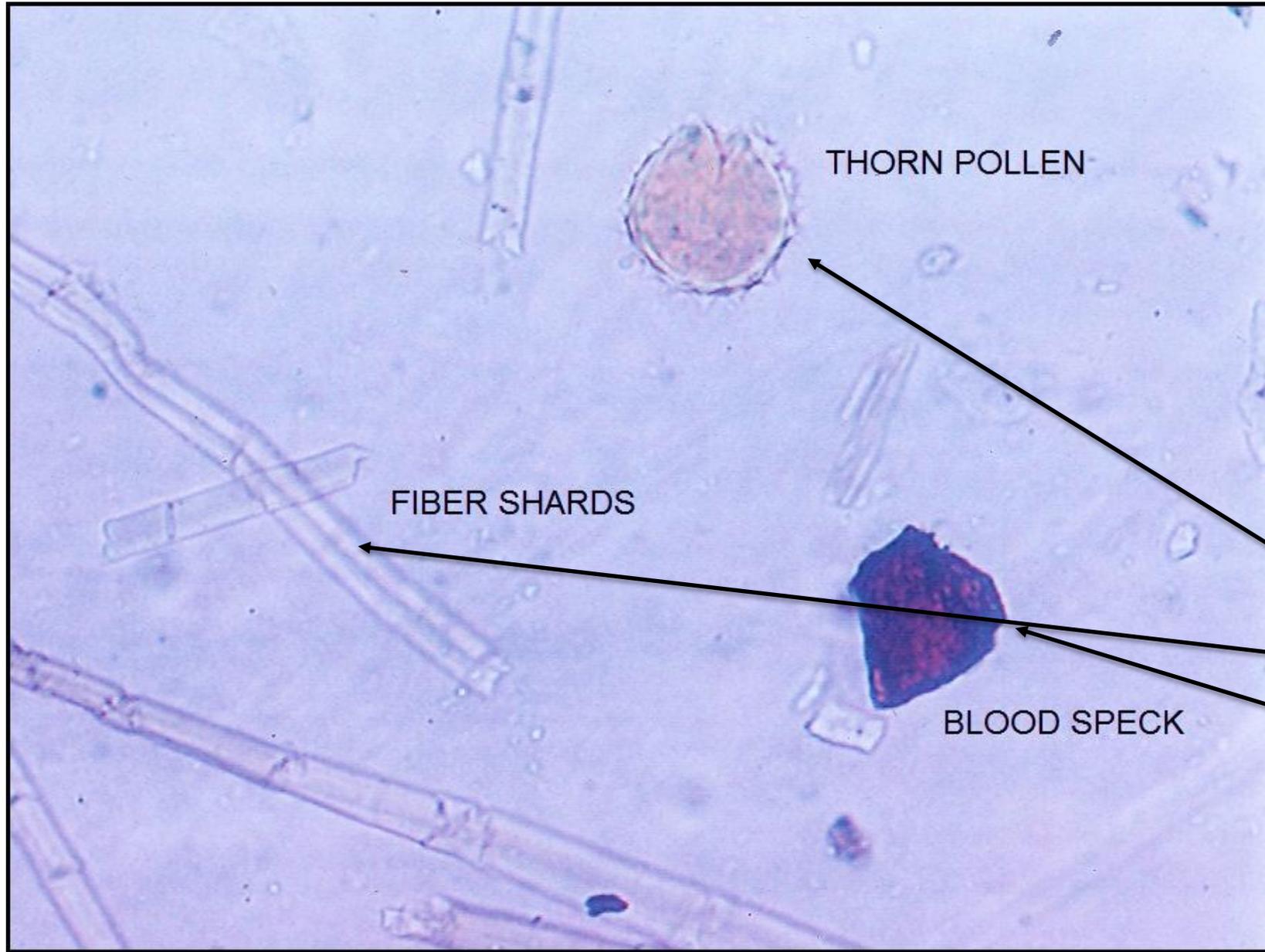
**GUNDELIA  
TOURNEFORTII**  
“Thorn Pollen”



**“It is  
blood!”**

**Dr. John Heller  
Biochemist**





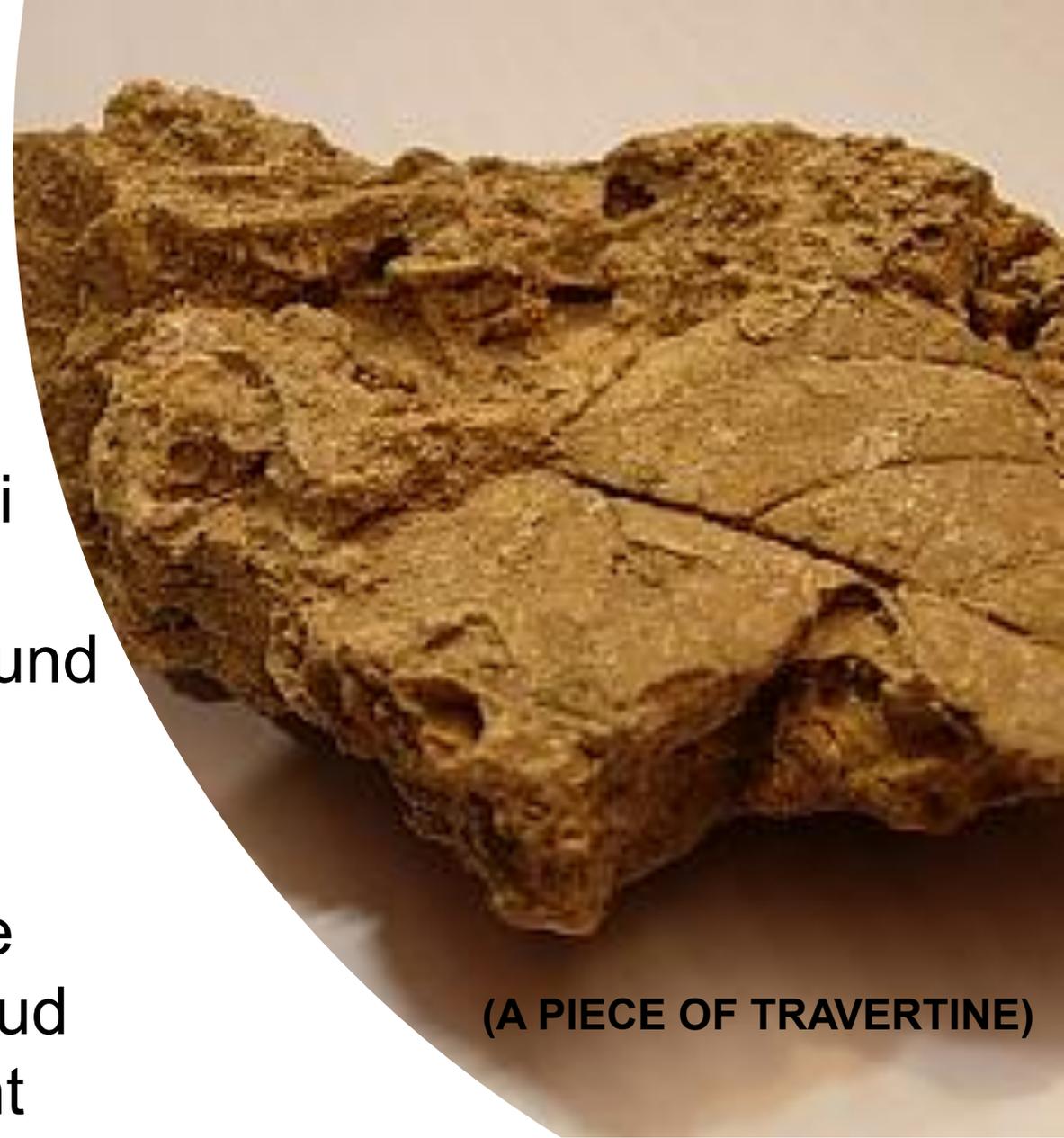
## SLIDE SHOWING:

- THORN POLLEN
- FIBER SHARDS
- BLOOD SPECK

# TRAVERTINE ARAGONITE

Joseph Kohlbeck from the Hercules Aerospace Company in Utah and Richard Levi-Setti of the Enrico Fermi Institute examined some dirt particles from the Shroud surface. The dirt was found to be travertine aragonite limestone.

Using a high-resolution microprobe, Levi-Setti and Kohlbeck compared the spectra of samples taken from the Shroud with samples of limestone from ancient Jerusalem tombs.

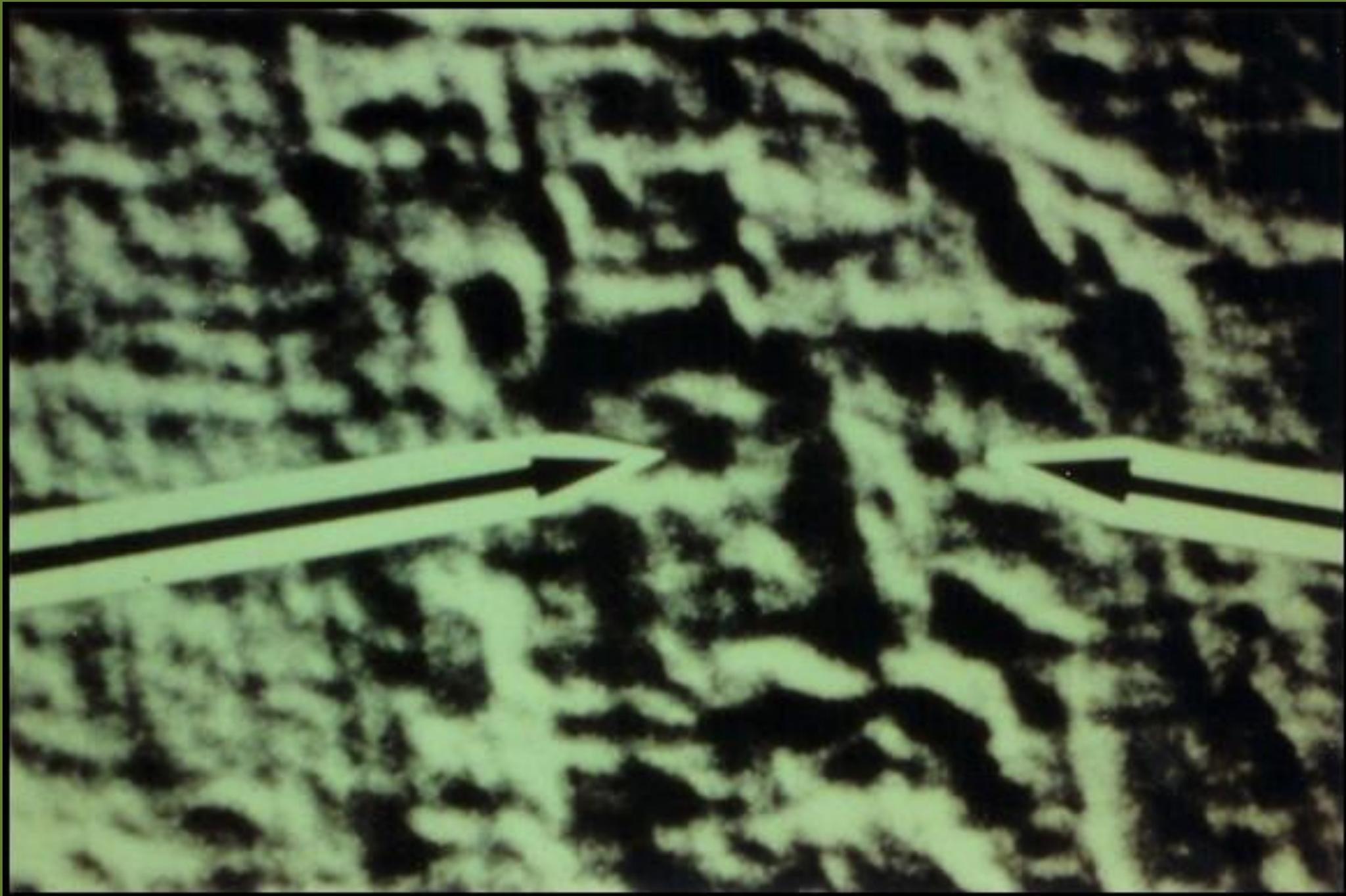


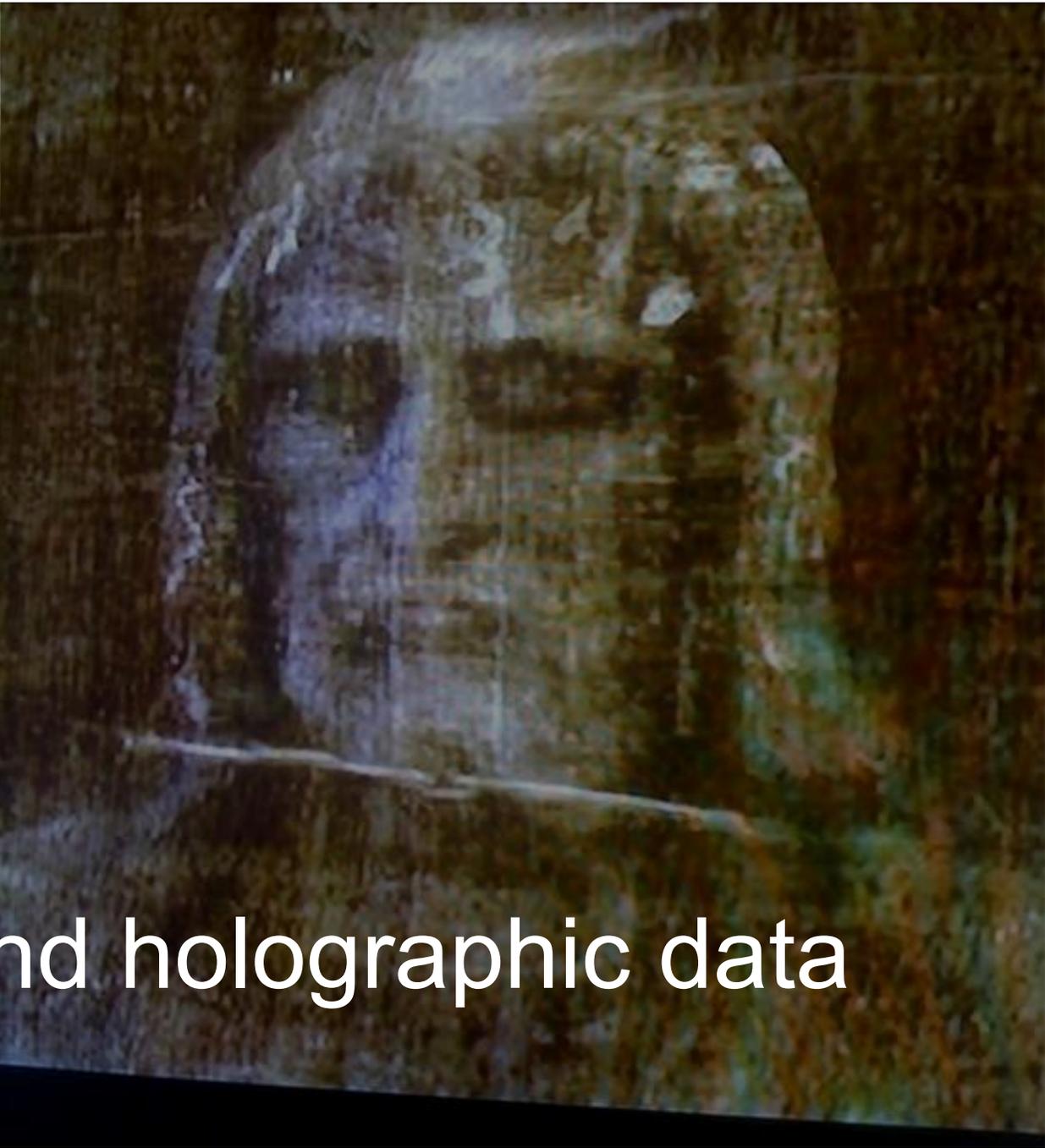
(A PIECE OF TRAVERTINE)

The chemical signatures of the Shroud samples and the tomb limestone were found identical except for minute fragments of cellulose linen fiber that could not be separated from the Shroud samples.

- Dirt particles on the nose, left knee and feet come from the limestone quarries of Jerusalem
- Specific limestone signature...travertine aragonite







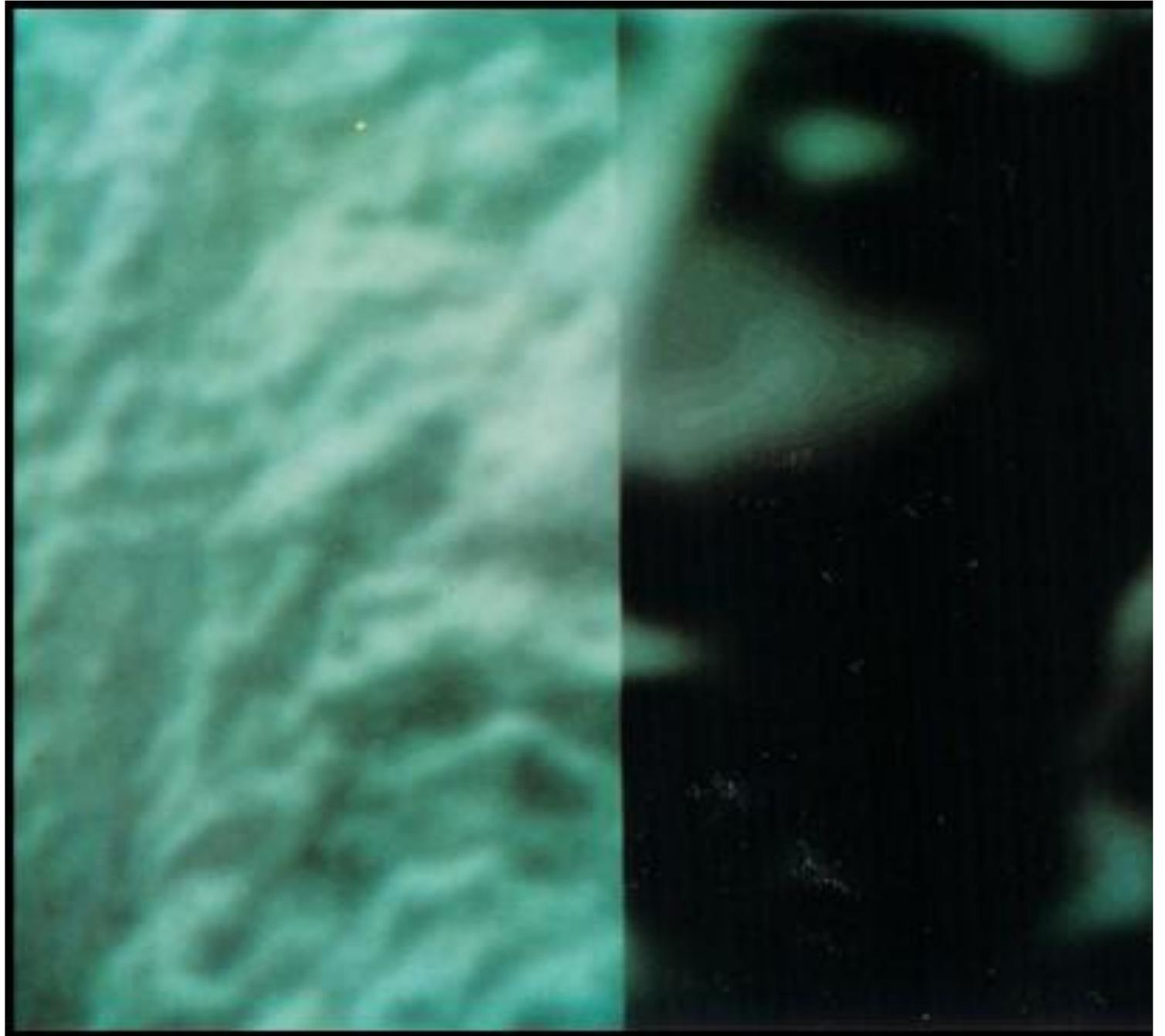
Three dimensional and holographic data



Edge Enhancement (Photo-Relief)

Darkroom Technique Used to  
Extract 3-D Image from Shroud

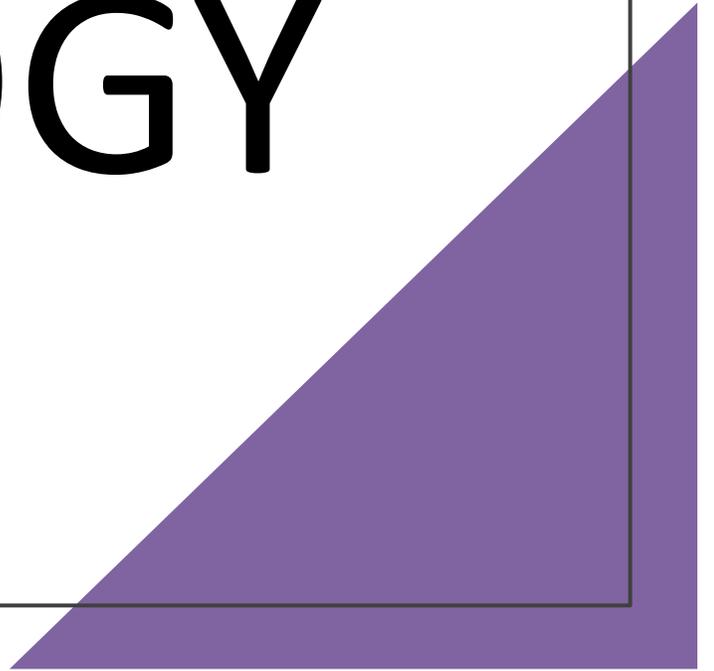
**3-D  
COMPUTER  
GENERATED  
FACE**



PEACE,  
EVEN IN DEATH...



# THE SHROUD AND THEOLOGY



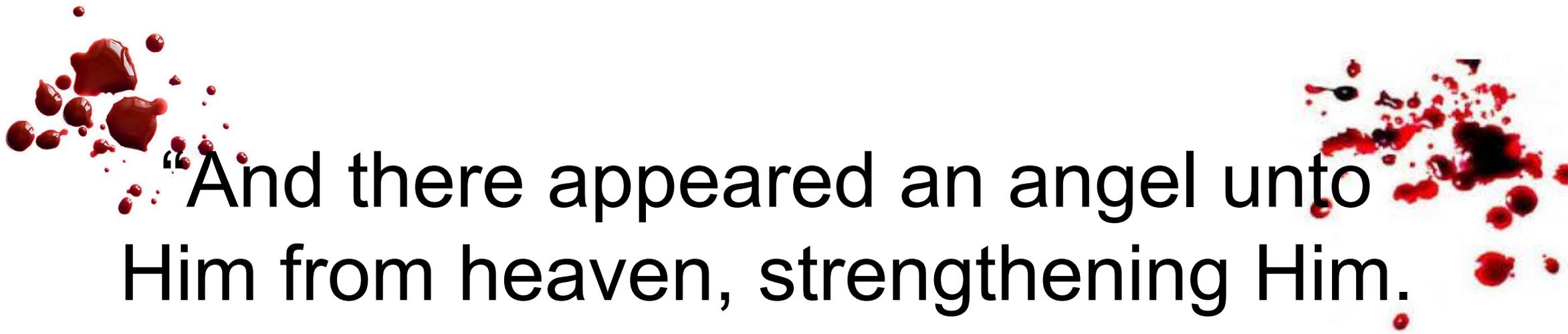


OLIVE PRESS

---



**GETHSEMANE**  
“place of crushing”



“And there appeared an angel unto Him from heaven, strengthening Him.

And being in an agony He prayed more earnestly: and His sweat was as it were great drops of blood falling down to the ground.” (hematidrosis)

Luke 22:43-44



# BETRAYED AND ARRESTED...

“Then the band and the captain and officers of the Jews took Jesus, and bound Him, and they led Jesus away to the high priest:....”



# NO RESISTANCE WHATSOEVER...

- No defensive struggle
- No attempt to fight back/defend Himself
- No “fight or flight” response

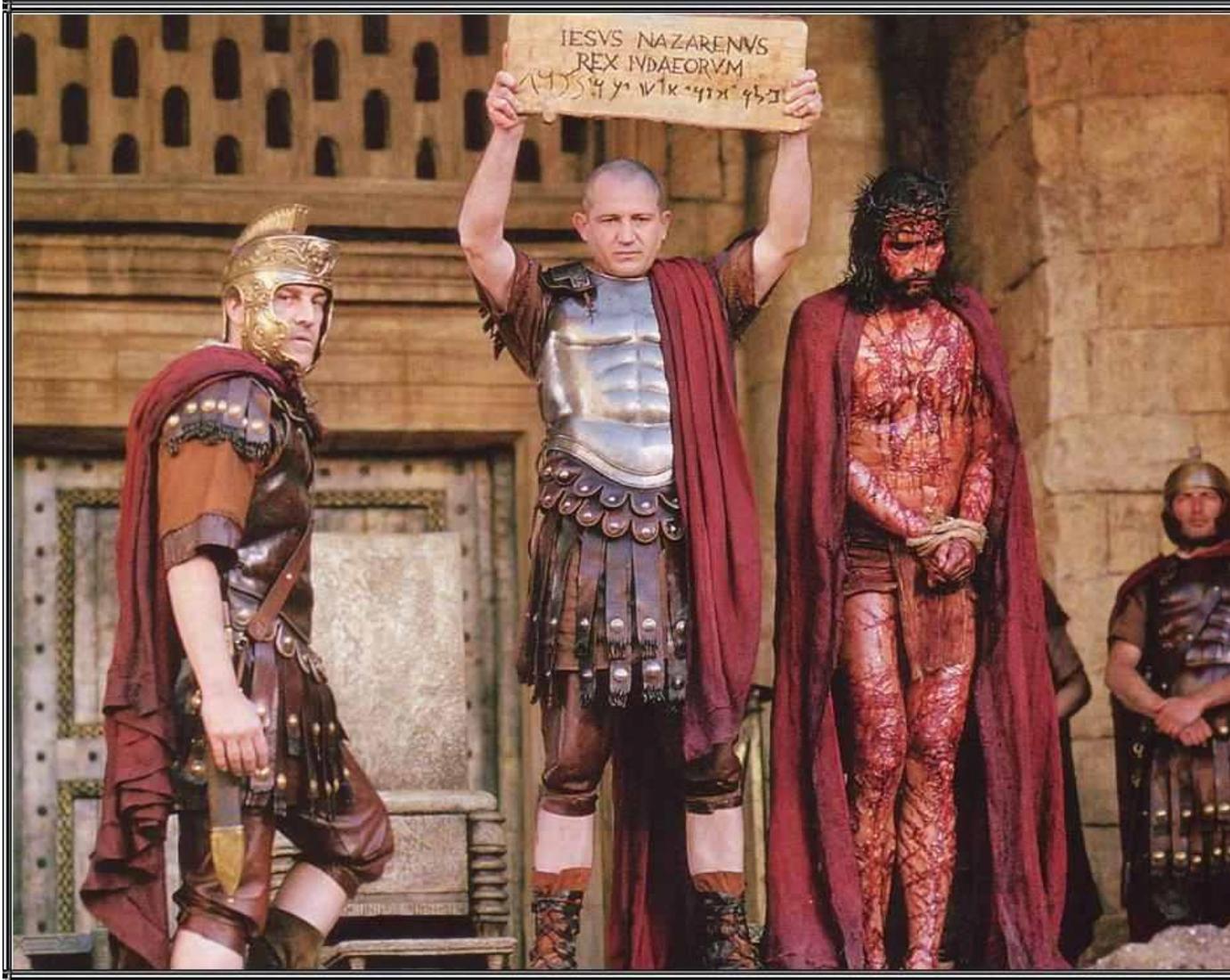


# DELIVERED to PILATE...

“And straightway in the morning the chief priests held a consultation with the elders and scribes and the whole council, and bound Jesus, and carried *Him* away, and delivered *Him* to Pilate...”



# SCOURGED and CONDEMNED...



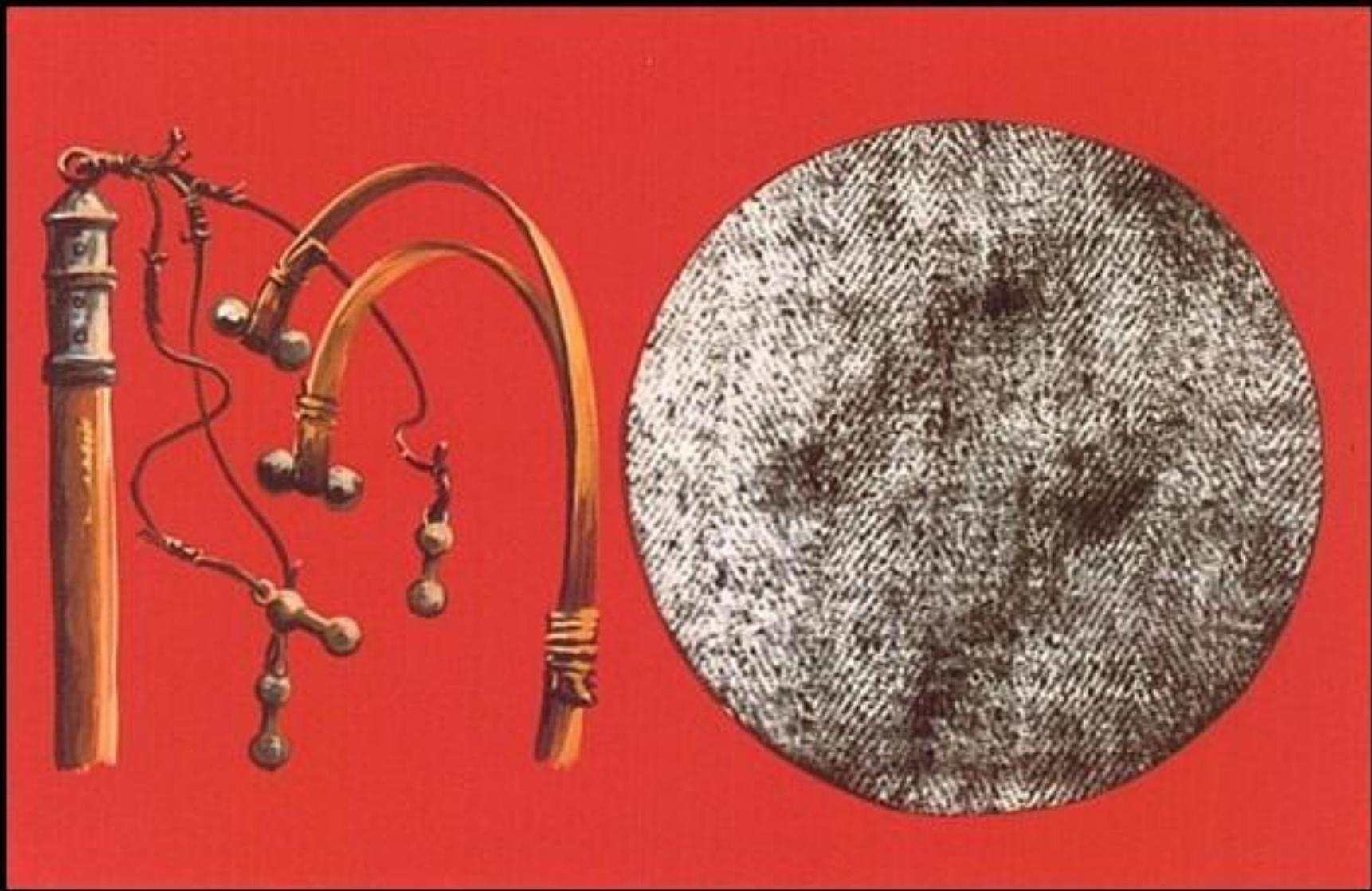
“And so Pilate, willing to content the people, released Barabbas unto them, and delivered Jesus, when he had scourged *Him*, to be crucified.”

# BARABBAS

“The son of the  
father” ...  
released in place  
of...  
“the SON of the  
FATHER”







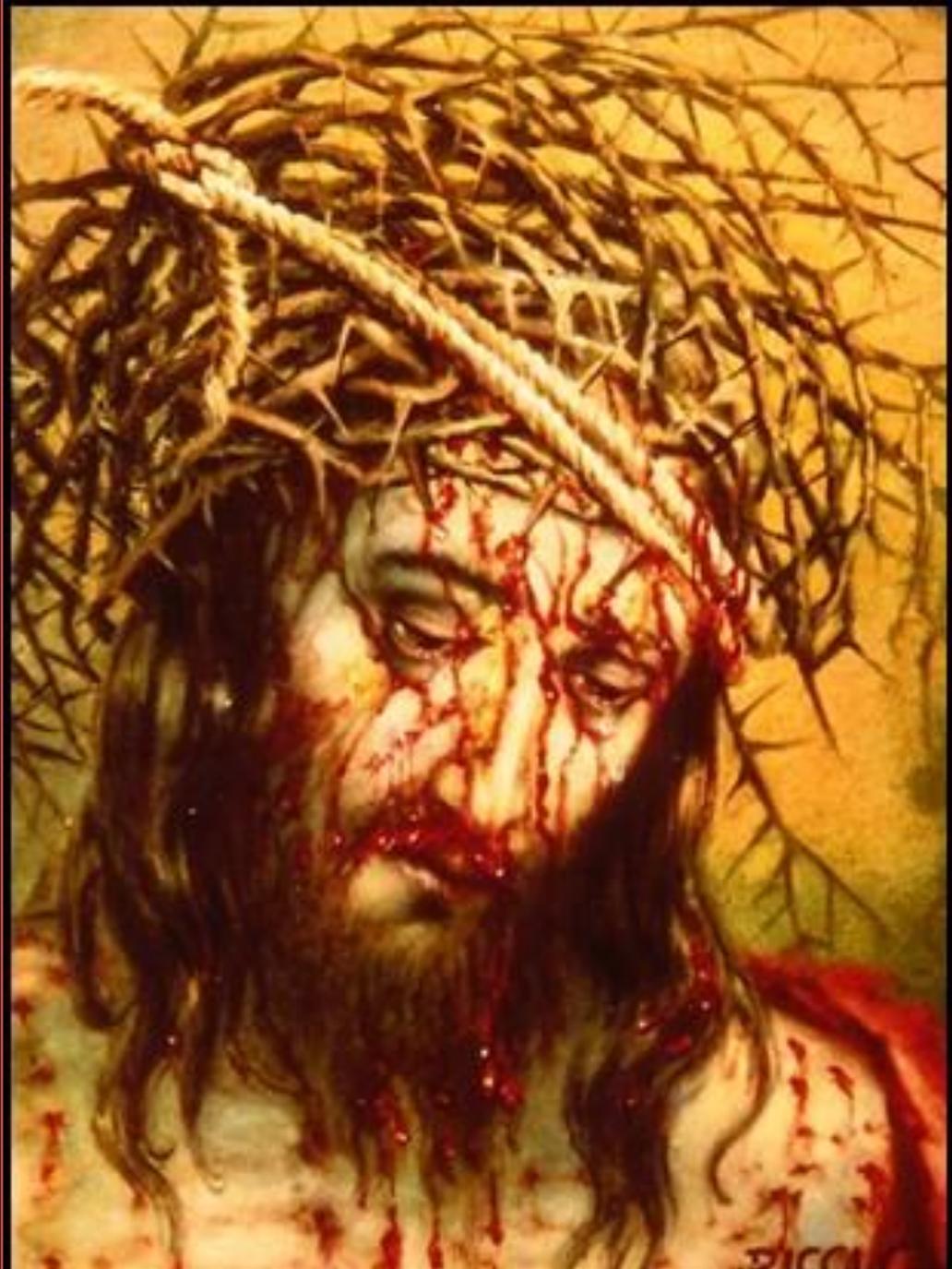
ROMAN FLAGRUM

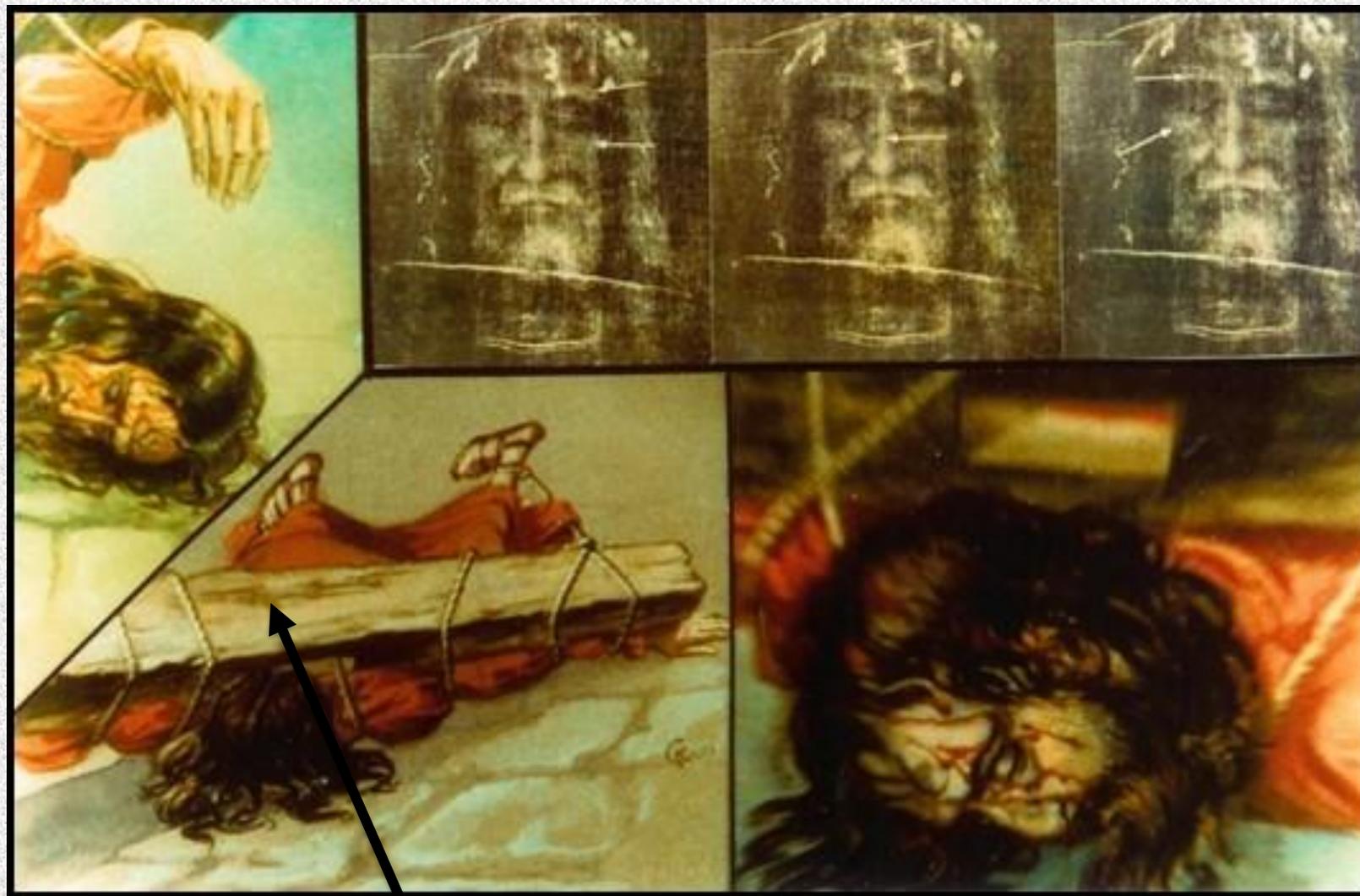
And they clothed Him  
with purple, and platted  
a crown of thorns,  
and put it about His head  
and began to salute Him,  
Hail, King of the Jews!”

Mark 15:15,17-18



# HELMET of THORNS



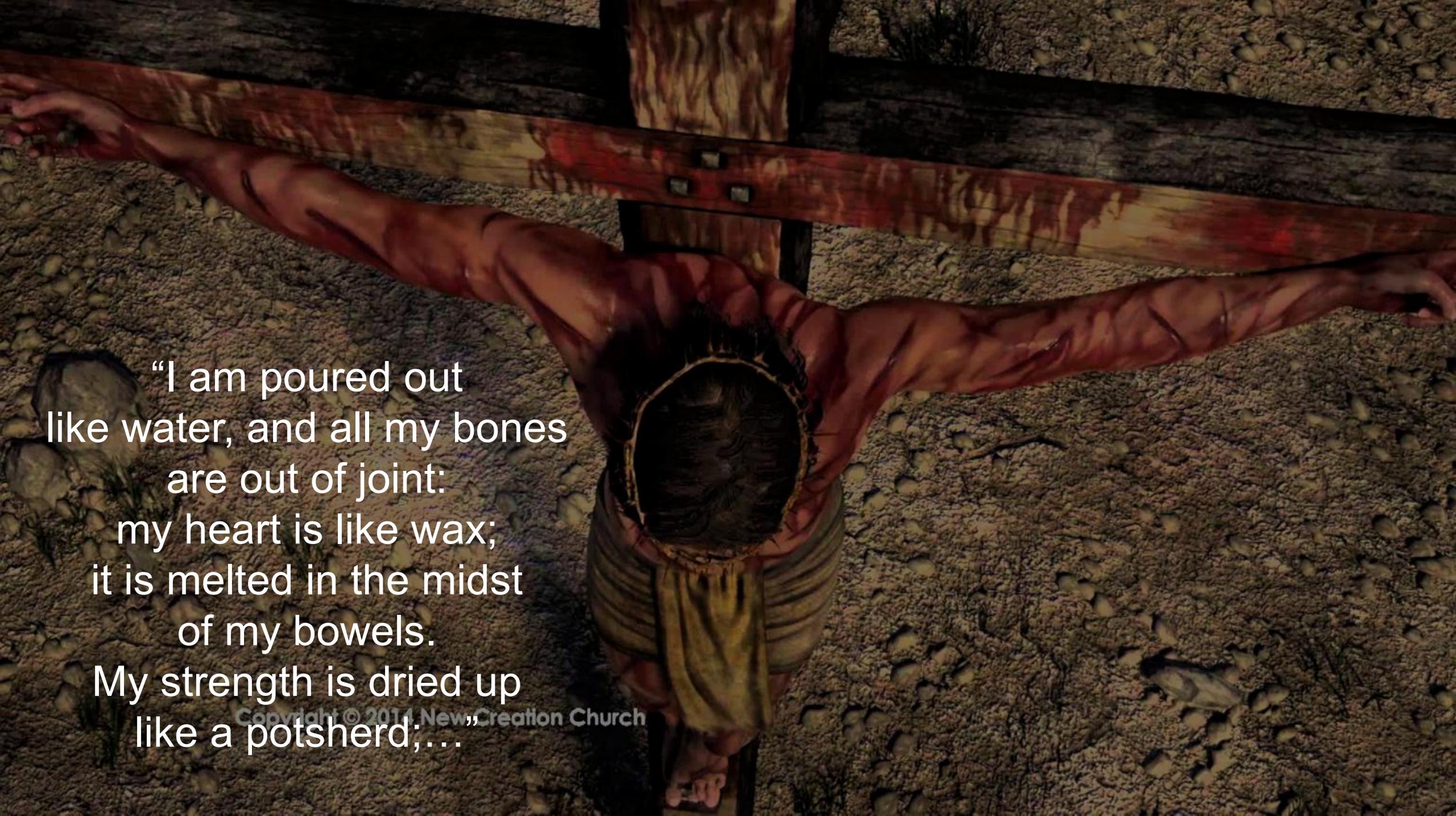


## PATIBULUM

The crossbar of a cross  
used for crucifixion

## FACIAL INJURIES

Tip of nose abrasion  
and broken nose



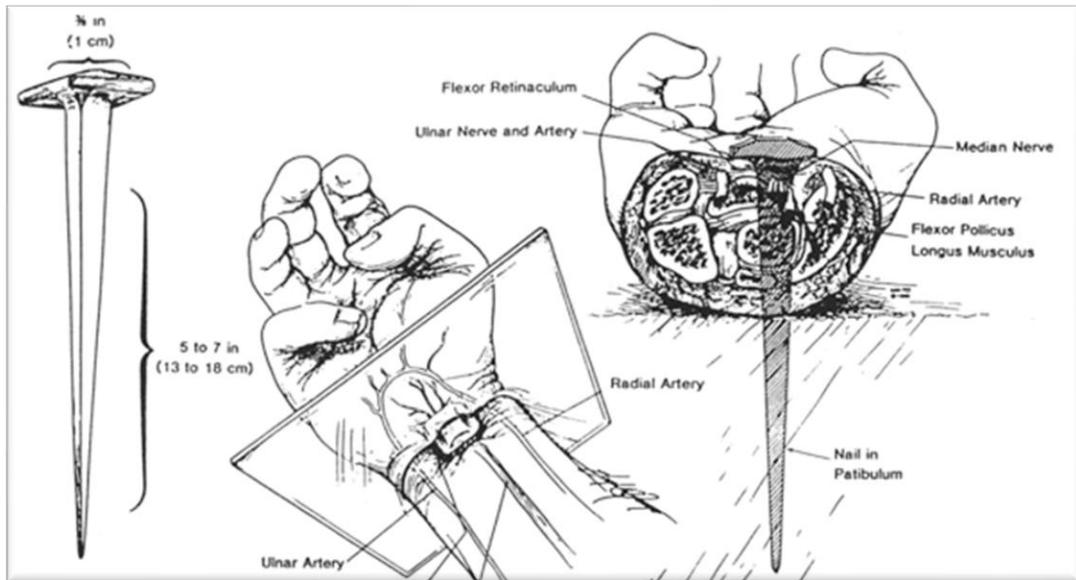
“I am poured out  
like water, and all my bones  
are out of joint:  
my heart is like wax;  
it is melted in the midst  
of my bowels.  
My strength is dried up  
like a potsherd;...”

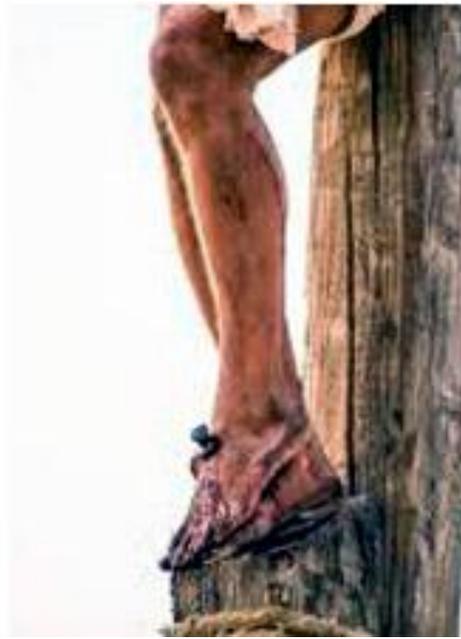
Copyright © 2014 New Creation Church

...and my tongue cleaves  
to my jaws; and you have  
brought me into the dust  
of death. For dogs have  
compassed me: the  
assembly of the wicked  
have enclosed me:  
they pierced my  
hands and my feet.”

Psalm 22:14-16







“Then came the soldiers,  
and brake the legs of the  
first, and of the other which  
was crucified with Him.  
But when they came to  
Jesus, and saw that He  
was dead already, they  
brake not His legs:

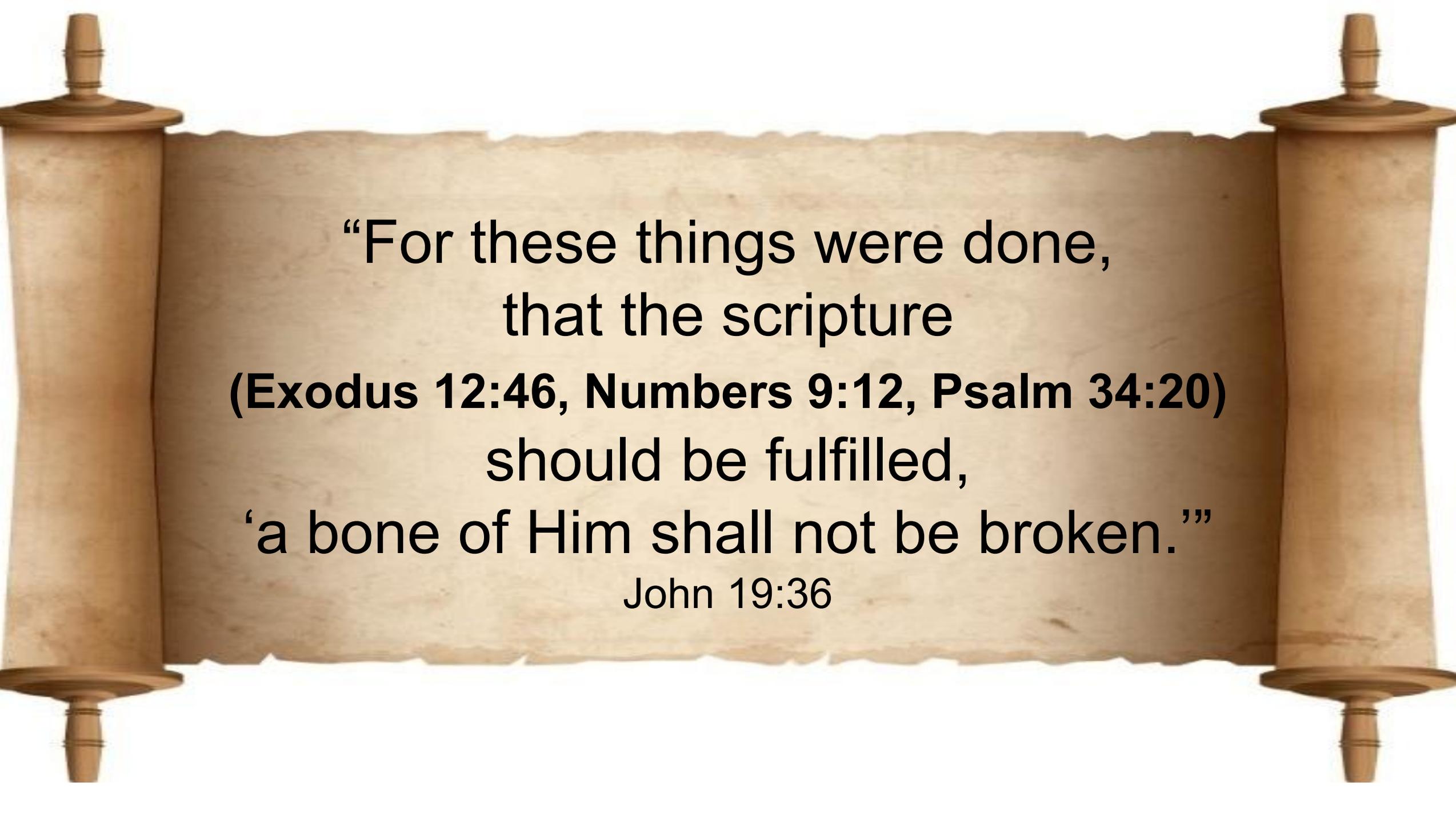
But one of the soldiers with  
a spear pierced His side,  
and forthwith came there  
out blood and water.”

John 19:32-34



# SPEAR WOUND

(between 5<sup>th</sup> and 6<sup>th</sup> rib)

A scroll of aged, yellowish parchment is unrolled, showing a central section with text. The scroll is held by two wooden rollers, one on the left and one on the right. The text is written in a bold, black, sans-serif font. The parchment has a slightly textured appearance with some minor discoloration and a wavy edge.

**“For these things were done,  
that the scripture  
(Exodus 12:46, Numbers 9:12, Psalm 34:20)  
should be fulfilled,  
‘a bone of Him shall not be broken.’”**

**John 19:36**

He was taken down from the cross...





...and wrapped in fine linen.



“Then cometh Simon Peter following him, and went into the sepulchre, and saw the linen clothes lie, and the napkin, that was about His head, not lying with the linen clothes, but wrapped together in a place by itself. Then went in also that other disciple, which came first to the sepulchre, and he saw, and believed.” John 20:6-8

SUDARIUM  
OF  
OVIEDO



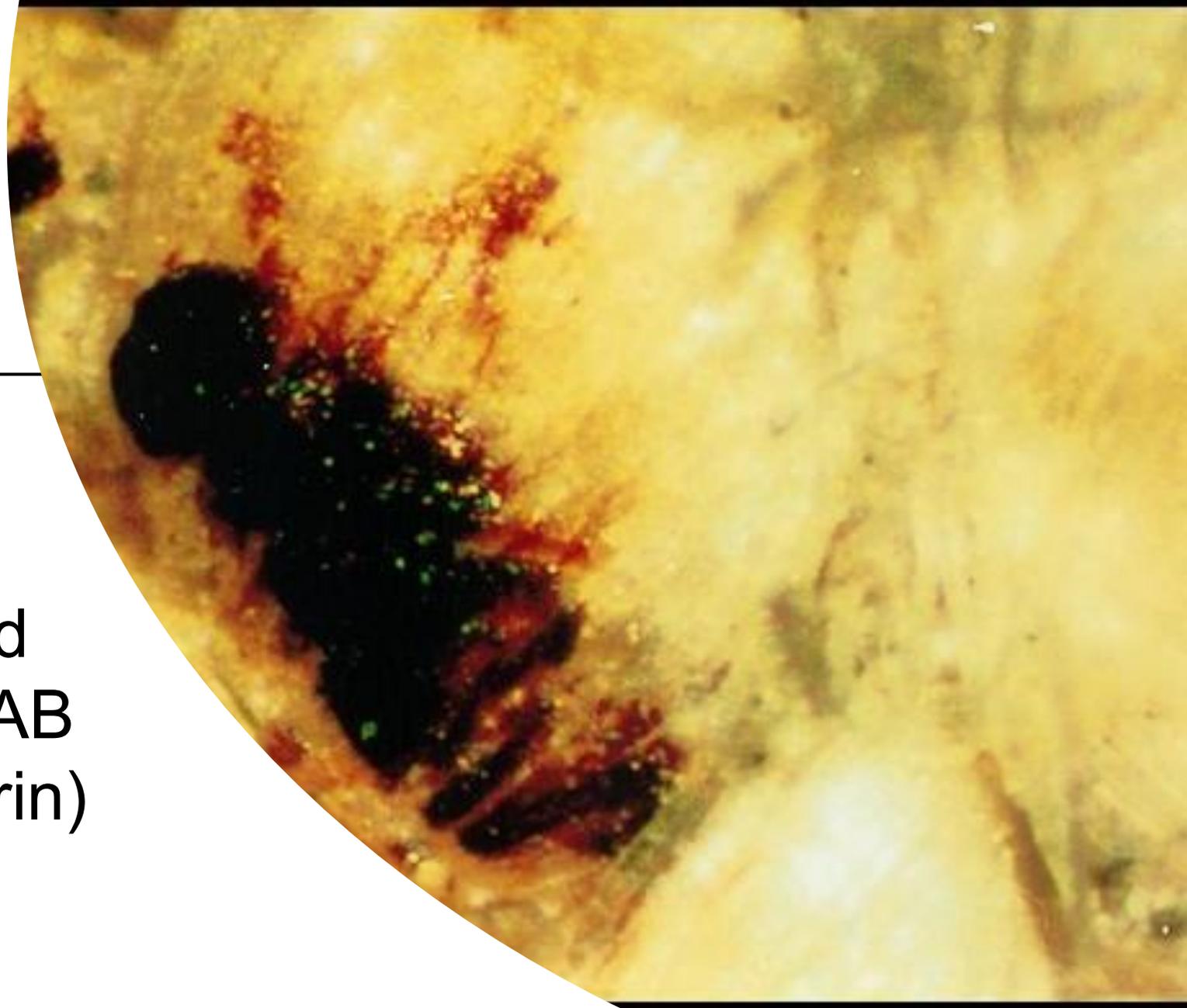


Picture of how linen cloth would have been placed on head

# BLOOD ON SUDARIUM

---

When analyzed, blood  
type determined to be AB  
(Match to Shroud of Turin)





“Then He said to Thomas,  
‘reach hither your finger,  
and behold My hands;  
and reach hither thy hand,  
and thrust *it* into My side:  
and be not faithless,  
but believing.’

And Thomas answered  
and said to Him,

‘**My Lord and  
my God...**’”





“Jesus said to him,  
‘Thomas, because you  
have seen Me,  
you have believed:  
blessed *are* they  
that have not seen,  
and *yet* have  
believed.’”

John 20:27-29

“Behold, I shew you a mystery;  
We shall not all sleep,  
but we shall all be changed,  
In a moment, in the twinkling  
of an eye, at the last trump:  
for the trumpet shall sound,  
and the dead  
shall be raised incorruptible,  
and we shall be changed.  
For this corruptible must  
put on incorruption,  
and this mortal  
*must* put on immortality.”  
I Corinthians 15:51-53





HOW DID THIS  
IMAGE GET THERE?

# FEATURES OF IMAGE FORMATION

- 3-dimensional/hologram
- 1/40 billionth of a second (duration)
- 2-5 billion watts (power)
- Radiation at sub-atomic level
- Radiation increases level of carbon content (carbon dating)
- Radiation enriches brightness of red blood color (bilirubin)
- Light source came from body itself/not reflected light



- Blood intersected with cloth falling through body
- Blood on cloth before image formation
- No body decomposition (John 11:19)
- Collimated radiation (perpendicular to the body)
- Body possibly suspended between upper and lower cloth (levitating?)
- Monochromatic color over the entire Shroud

# Notable Physicists Suggestions:

- Dr. John Jackson (Colorado Shroud Center), suggests that a form of collimated radiation is the best explanation for how the image was formed, leaving a scorch-like appearance (a scorch caused by light versus heat as the image does not fluoresce).
- Dr. Thomas Phillips (nuclear physicist at Duke University and formerly with the High Energy Labs at Harvard) says a potential milliburst of radiation (a neutron flux) could be consistent with the moment of resurrection. Such a milliburst might cause the purely surface phenomenon of the scorch-like (scorch-by-light) images, and possibly add carbon14 to the cloth.

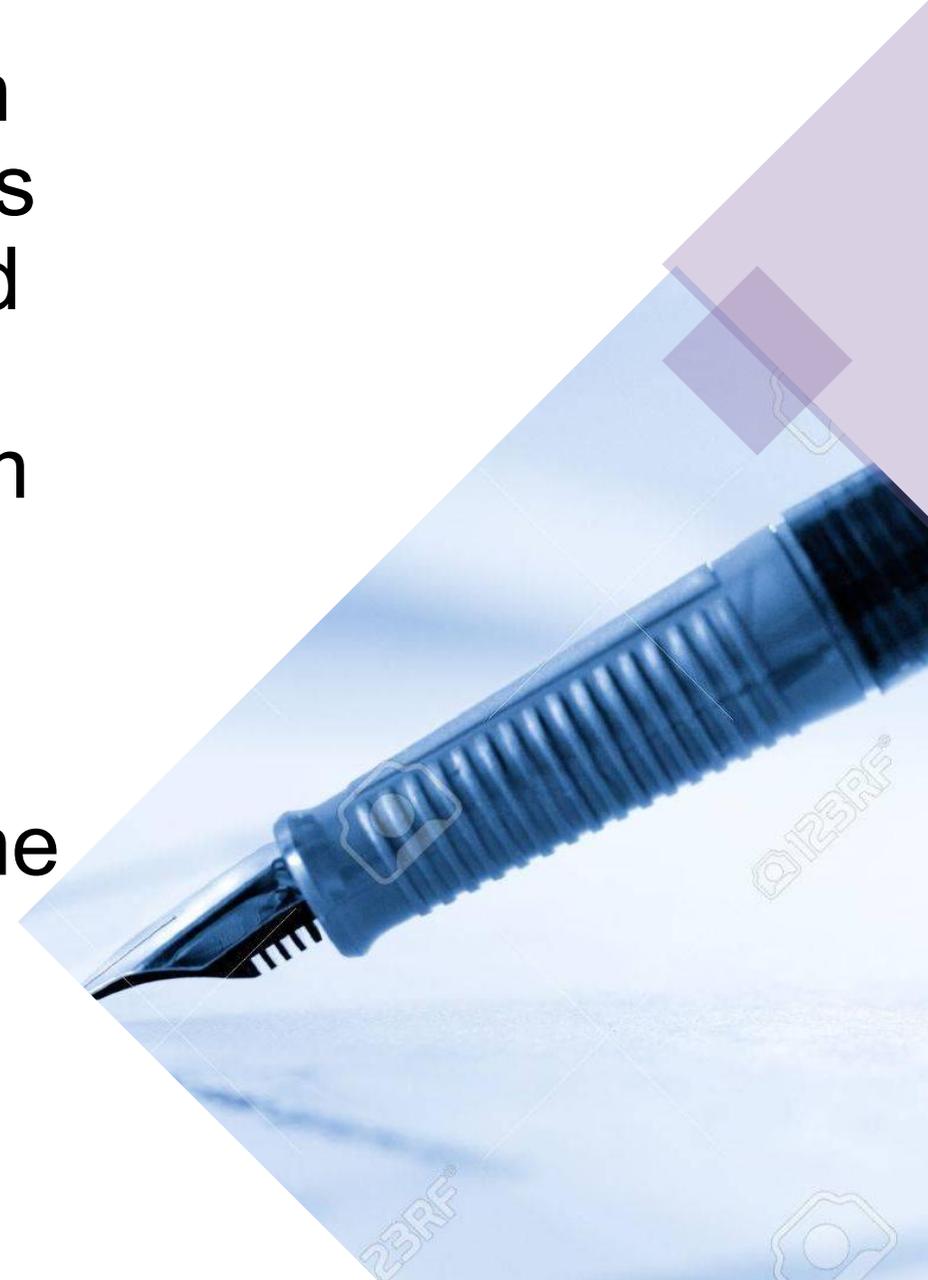


“It is suggested that the image was formed when a high-energy particle struck the fiber and released radiation within the fiber at a speed greater than the local speed of light.”

Kevin Moran (Optical Engineer –  
Eastman Kodak Company)

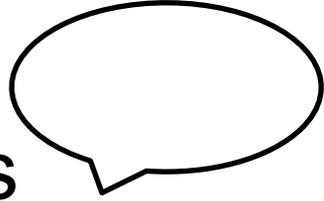
We can conclude for now that the Shroud image is that of a real human form of a scourged, crucified man. It is not the product of an artist. The blood stains are composed of hemoglobin and also give a positive test for serum albumin. The image is an ongoing mystery and until further chemical studies are made, perhaps by this group of scientists, or perhaps by some scientists in the future, the problem remains unsolved.”

S.T.U.R.P. Summary and conclusion, 1981)



## WORDS OF WISDOM...

C.S. Lewis

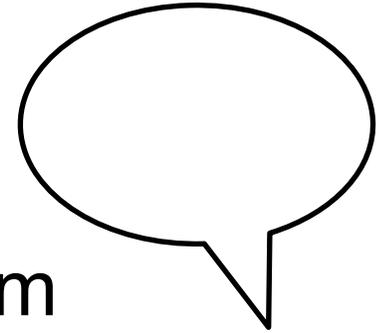


“I am trying here to prevent anyone saying the really foolish thing that people often say about Him: I’m ready to accept Jesus as a great moral teacher, but I don’t accept His claim to be God. That is the one thing we must not say. A man who was merely a man and said the sort of things Jesus said would not be a great moral teacher. He would either be a lunatic — on the level with the man who says he is a poached egg — or else he would be the Devil of Hell...

## ...YOU MUST MAKE YOUR CHOICE

Either this man was, and is, the Son of God,  
or else a madman or something worse.  
You can shut Him up for a fool, you can spit at Him  
and kill Him as a demon or you can fall at His feet  
and call Him Lord and God, but let us not come with  
any patronizing nonsense about His being a great  
human teacher. He has not left that open to us.  
He did not intend to.”

- C.S. LEWIS, Author, Scholar, Historian and  
Teacher



"For God so loved the world,  
that He gave His only begotten Son,  
that whosoever believeth in Him  
should not perish,  
but have everlasting life.

For God sent not His Son into the world  
to condemn the world;  
but that the world through Him  
might be saved."

John 3:16-17



“But **HE** was wounded  
for our transgressions,  
**HE** was bruised  
for our iniquities.  
The punishment  
of our peace  
was upon **HIM**,  
and with **HIS** stripes  
we are healed.”

Isaiah 53:5

“Salvation is a free  
gift, but you **must**

**ASK**  
for it.”



“But to as many  
as received Him,  
to them gave  
He power  
to become  
children of God,  
even to them  
that believe  
on His name:”  
John 1:12

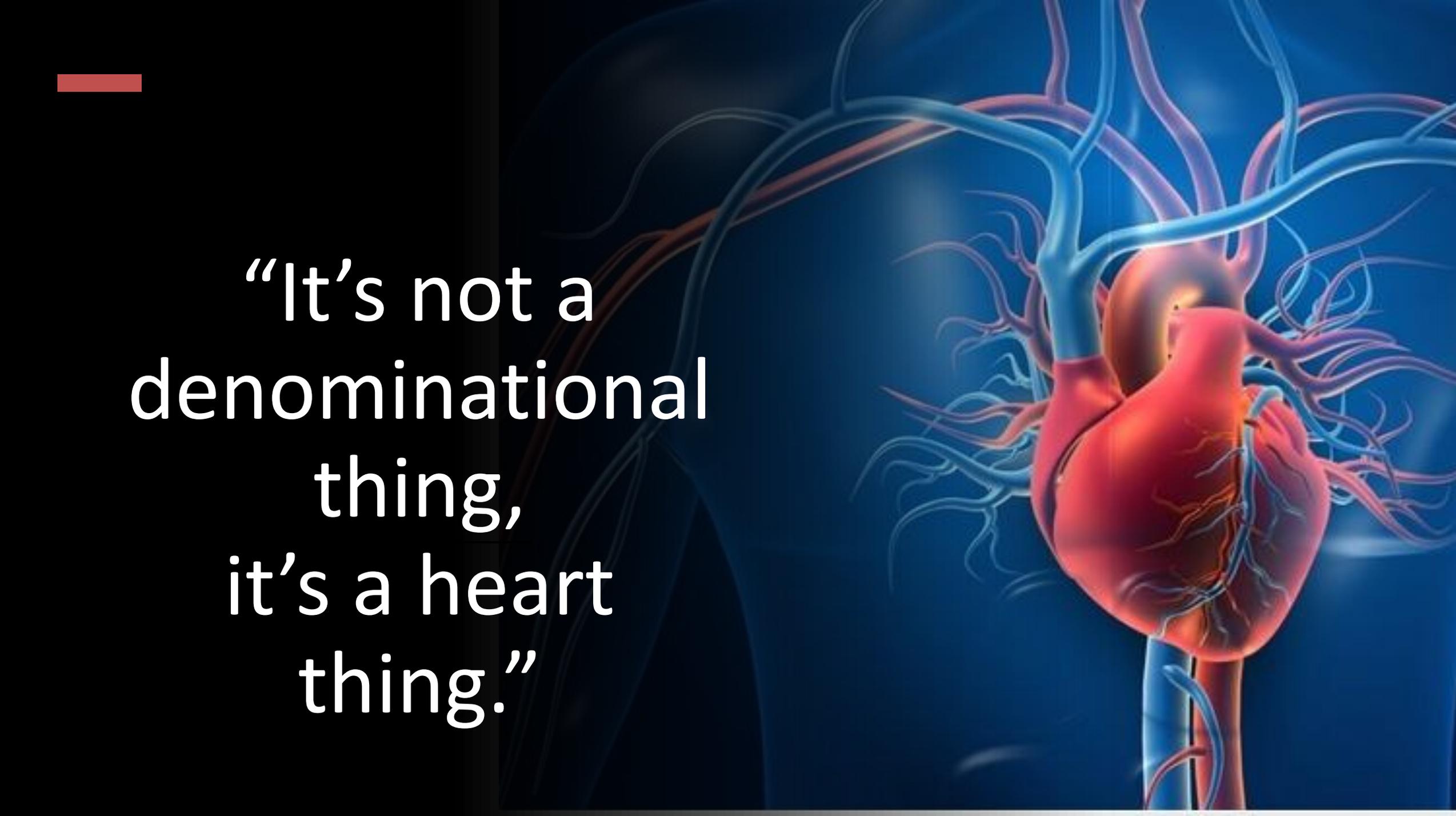


# YOU MUST BE BORN AGAIN

---

“Jesus answered and  
said to him,  
‘truly, truly, I say to you,  
except a man be born again,  
he cannot see  
the kingdom of God.’”  
John 3:3



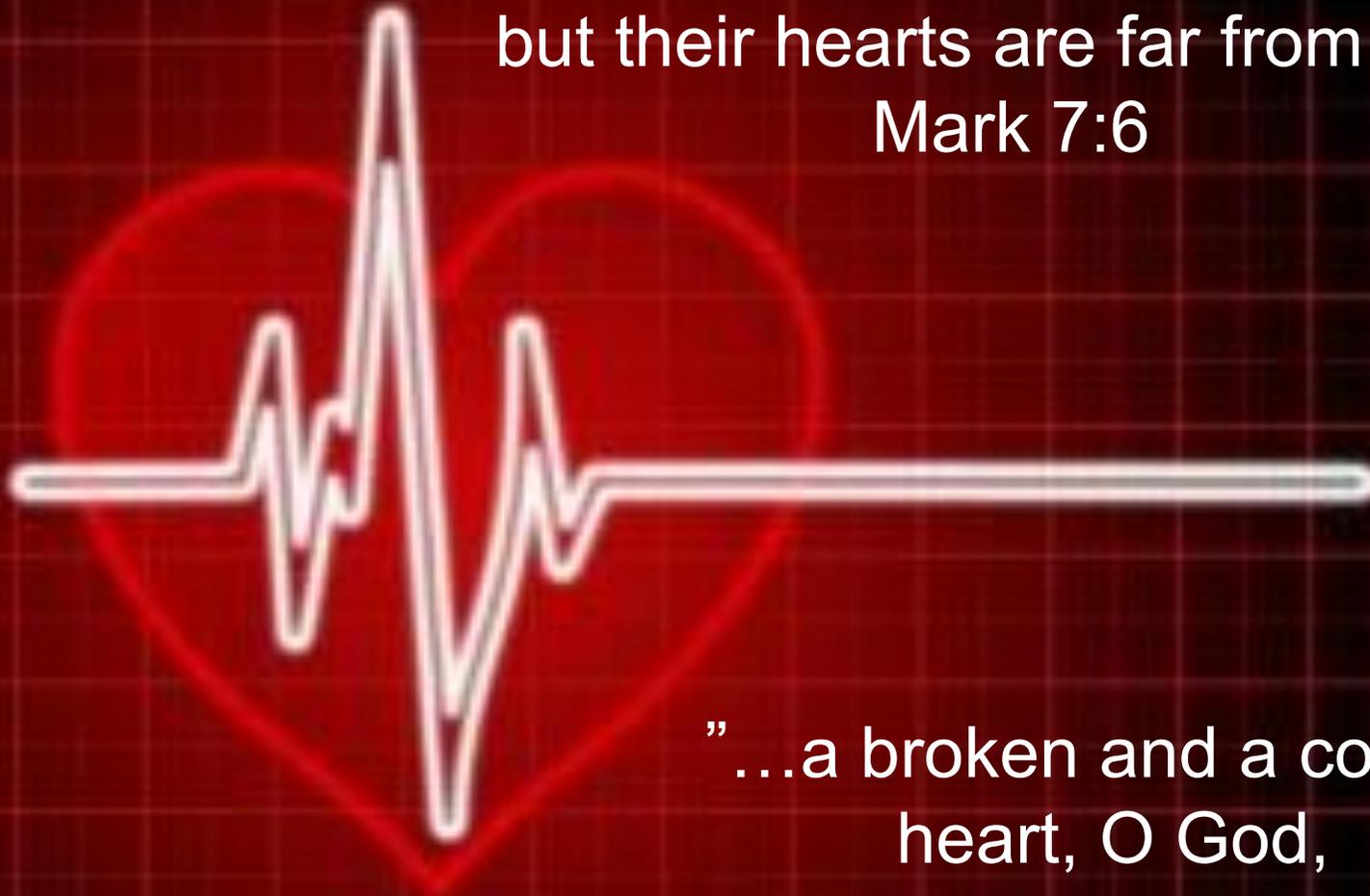


—

“It’s not a  
denominational  
thing,  
it’s a heart  
thing.”

“... people honor Me with their lips,  
but their hearts are far from Me.”

Mark 7:6



”...a broken and a contrite  
heart, O God,  
You wilt not despise.”

Psalms 51:17-19

“That if you shalt **confess**  
with your mouth the Lord Jesus,  
and shalt **believe**  
in your HEART that God  
hath raised Him from the dead,  
you shalt be **saved.**”

Romans 10:9



Whom do  
**YOU**  
say ?



“

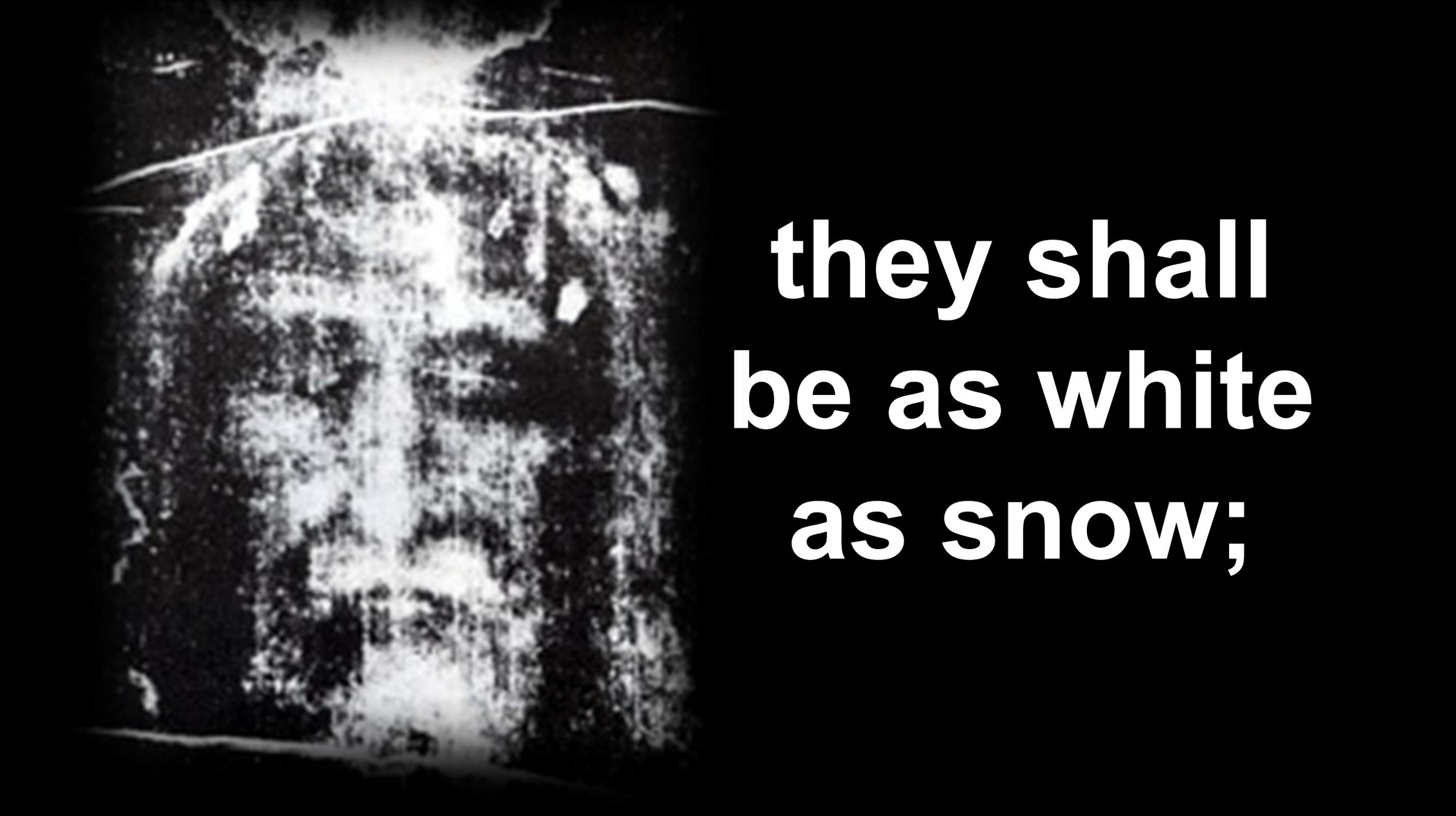
“I AM”



“Come now,  
and let us  
reason  
together,”  
says  
the LORD.

**“Though  
your sins  
be as  
scarlet,**





**they shall  
be as white  
as snow;**

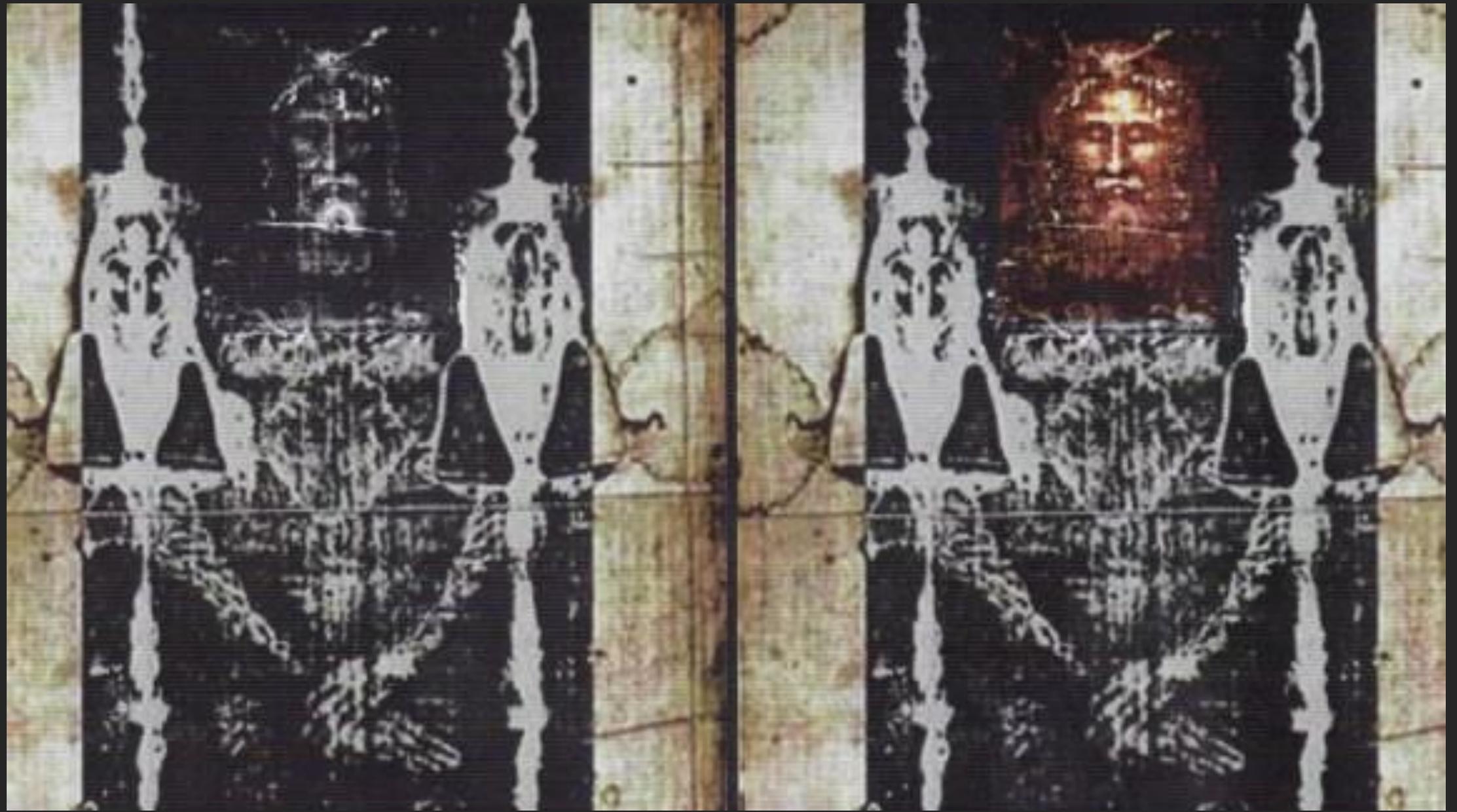
**though  
they be red  
like  
crimson,**



**They  
shall be  
as wool.”**

**Isaiah 1:18**









Lamb on Linen



Lion of Judah

A close-up, high-resolution photograph of a lion's face, focusing on its right eye and the surrounding fur. The fur is a mix of golden-brown and reddish-brown tones, with fine details of the hair texture visible. The lion's eye is a light, golden-brown color, looking directly at the viewer with a calm but intense expression. The lighting is soft, highlighting the contours of the face and the texture of the fur.

I AM RETURNING  
BUT NOT AS A LAMB



“The Lion King”

