



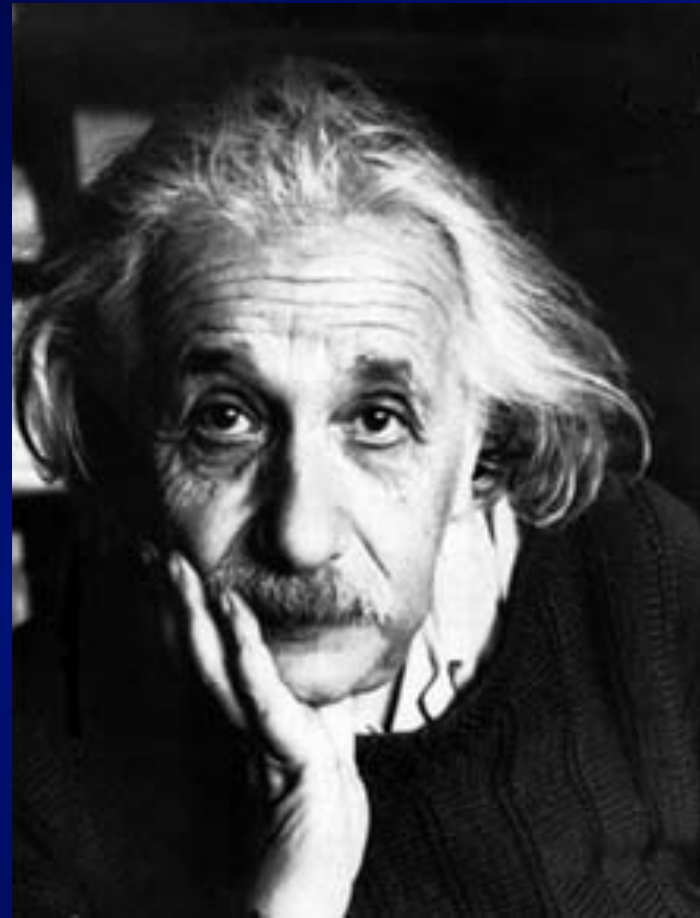


*The WEIRD, the WACKY,
and the WONDERFUL
in Emergency Medicine*



Piercing and Tattoos

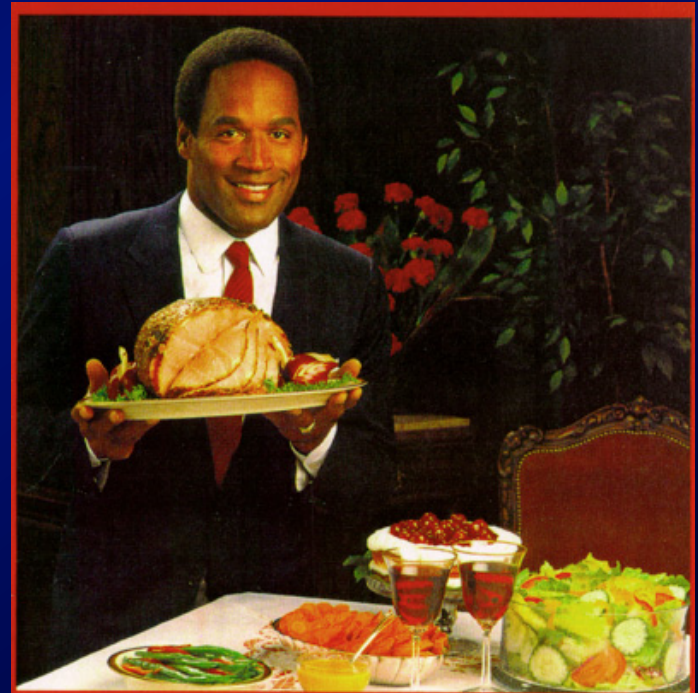
Their Impact on EMS







www.rotten.com - EMT series



Happy Holidays

O. J. Simpson



WARNING!!!

***We will be showing pictures
of “usually” concealed
body parts such as
breasts, penises, and vaginas***

WARNING!!!

***If you are modest or
embarrass easily,
you should probably
leave now!!***

My Voyage of Discovery

Top 3 Reasons to Have Your Tongue Pierced:

1. It's Cool
2. Parents hate it.
3. Everybody's doing it.

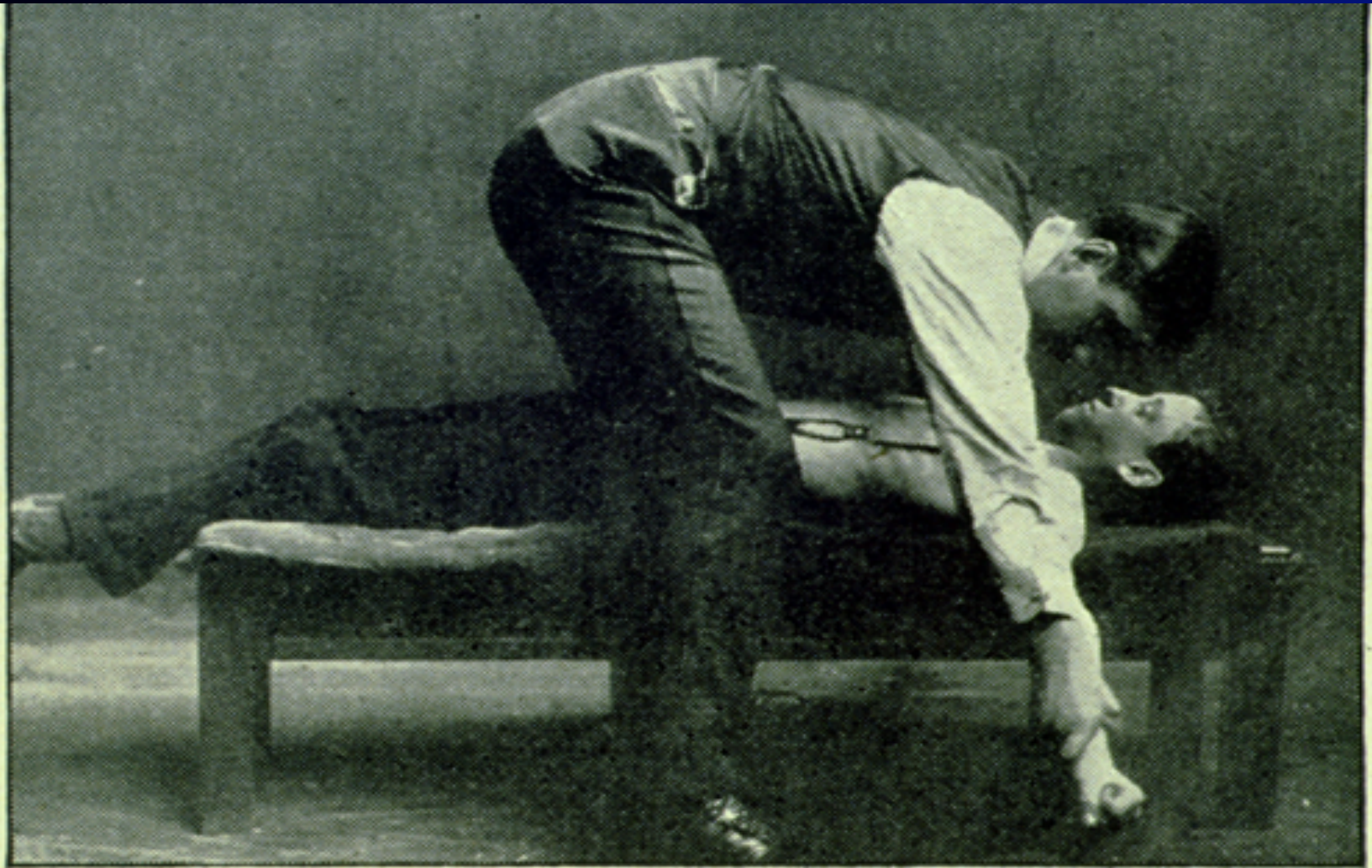
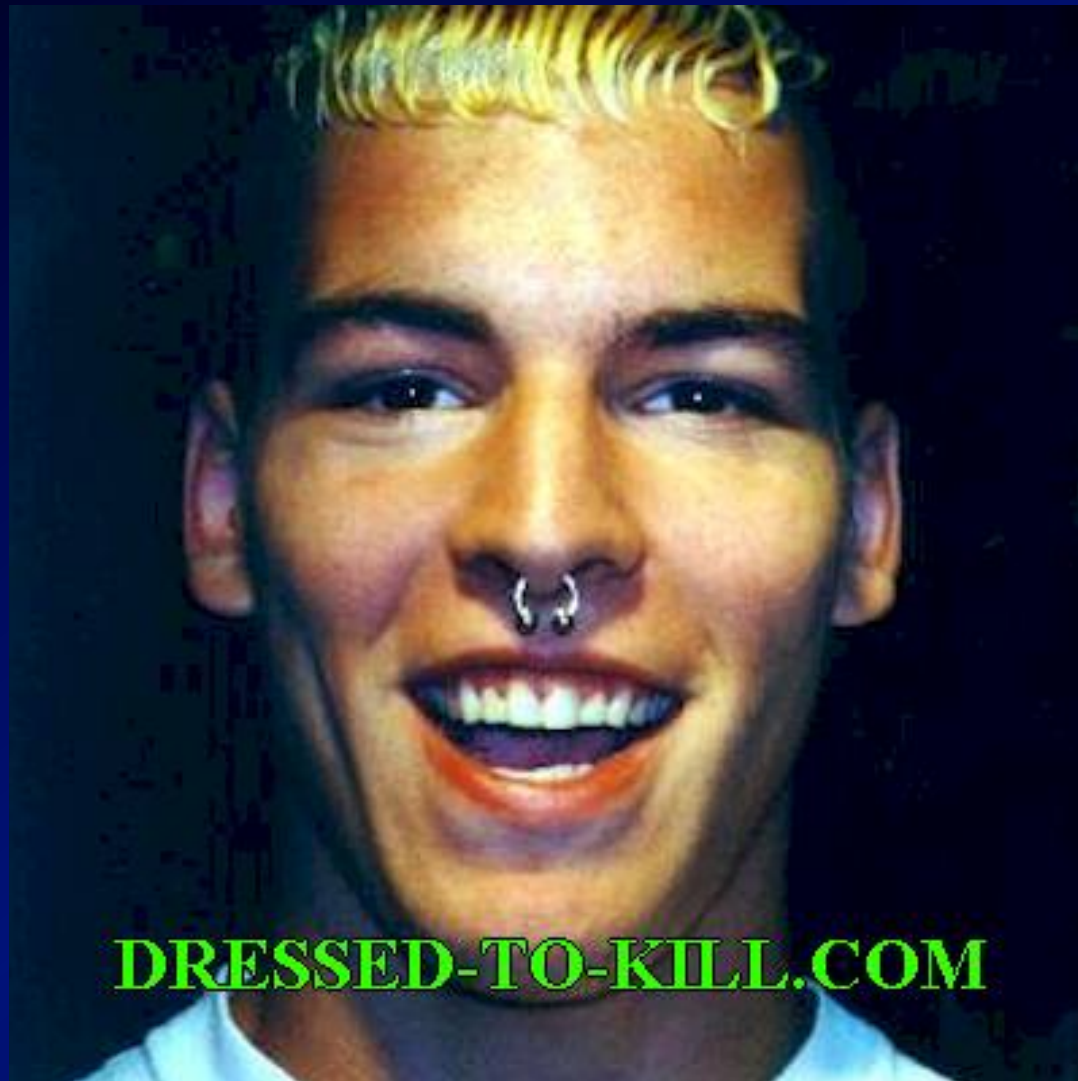


FIG. 105. ARTIFICIAL RESPIRATION.
Raising and lowering arms. Third Method.





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 The Old Time Country Church
HORNSBY BEND
ASSEMBLY OF GOD
PASTOR: JAMES ARLIS AVERY

DONT GIVE UP
MOSES WAS ONCE
A BASKETCASE TOO
COF 8 DONUT 9 15 SUN

*If you are easily offended or are under 18,
please do not click on the privates!*

Art by Sailor Jerry [of course]



Ears

Eyes

Noses

Tongue/Lip

Nipples

Navels

Genitals

Other



J & M
Body Piercing

🍷 Pictured Cup Banana



YF-Z226



YF-Z227



YF-Z228



YF-Z229



YF-Z230



YF-Z231



YF-Z232



YF-Z233

🍷 Pictured Barbell



YF-Z234



YF-Z235



YF-Z236



YF-Z237



YF-Z238



YF-Z239



YF-Z240



YF-Z241



YF-Z242



YF-Z243



YF-Z244



YF-Z245



YF-Z246



YF-Z247



YF-Z248



YF-Z249



YF-Z250



YF-Z251



YF-Z252



YF-Z253



YF-Z254



YF-Z256



YF-Z257



YF-Z258



CHRISTIAN CHURCH
Disciples of Christ

SUNDAY SCHOOL 9:30 AM WORSHIP 10:30 AM STEVEN L. NEWMAN, PASTOR

**BODY PIERCING
SAVED MY LIFE**



You are in: [Health](#)[News Front Page](#)

Wednesday, 27 January, 1999, 19:10 GMT

[World](#)

Allergy risk of body piercing

[UK](#)[England](#)[N Ireland](#)[Scotland](#)[Wales](#)[Politics](#)[Business](#)[Entertainment](#)[Science/Nature](#)[Technology](#)[Health](#)[Medical notes](#)[Education](#)[Talking Point](#)[Country Profiles](#)[In Depth](#)[Programmes](#)[BBC SPORT](#)[BBC WEATHER](#)[cBBC news](#)[SERVICES](#)[Daily E-mail](#)[News Ticker](#)[Mobile/PDAs](#)[Text Only](#)[Feedback](#)[Help](#)[EDITIONS](#)

Earrings were scrutinised by the researchers

Body piercing has been blamed for a steep rise in allergies to nickel across the Western world.

Nickel is already the most common cause of contact allergy in several European countries.

Exposure to the metal can cause lifelong sensitivity. Sufferers find many belt buckles, wristwatches, glass frames and jewellery impossible to wear.

A nickel allergy can occur at any age, and typically appears a few days after first contact as eczema, which appears as an itchy, dry/crusty, and red/pigmented skin rash with watery blisters.

The affected area is usually restricted to the site of contact, although it could also be found on other parts of the body. Once a nickel allergy has developed, it is usually a chronic condition and often life-long.





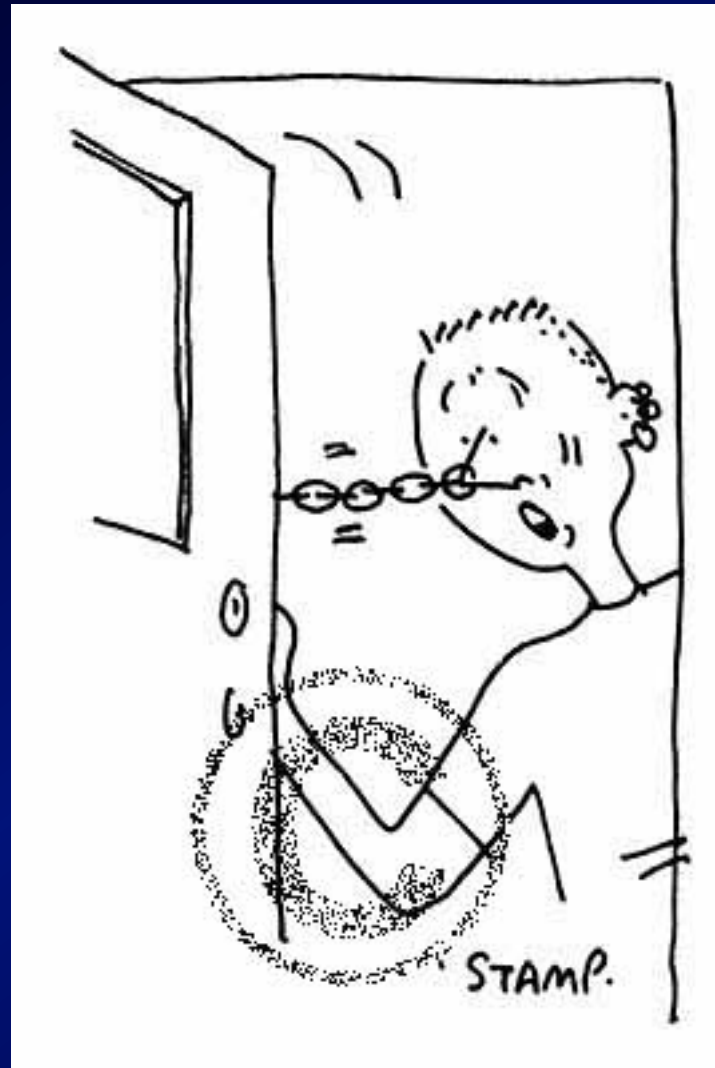
Issues About Piercing

Airway

Chest

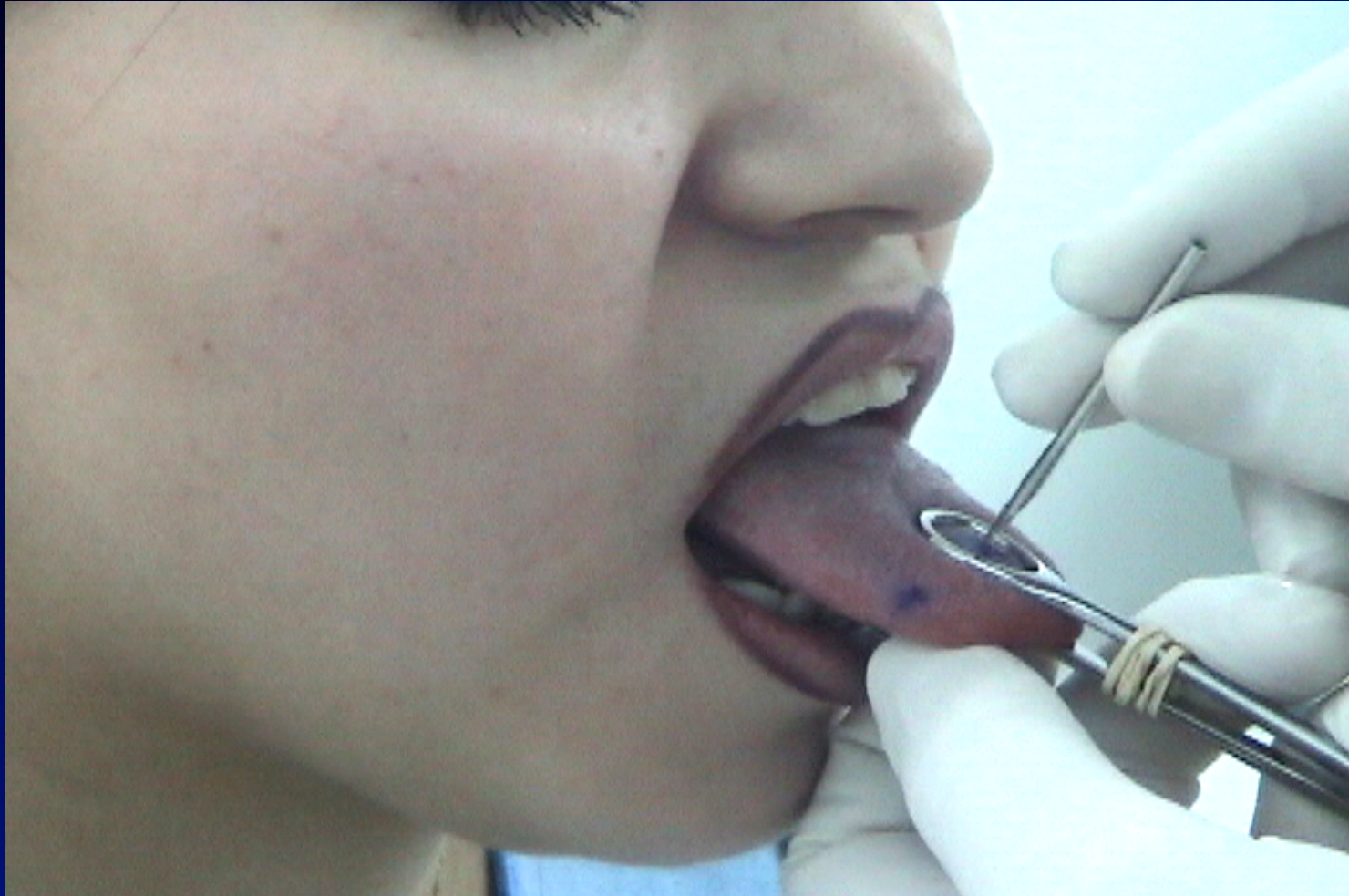
Genital

Elsewhere



Issues About Piercing

Airway





Potential for Difficult Airway Management





**You MAY NOT
know it is there
until too late**



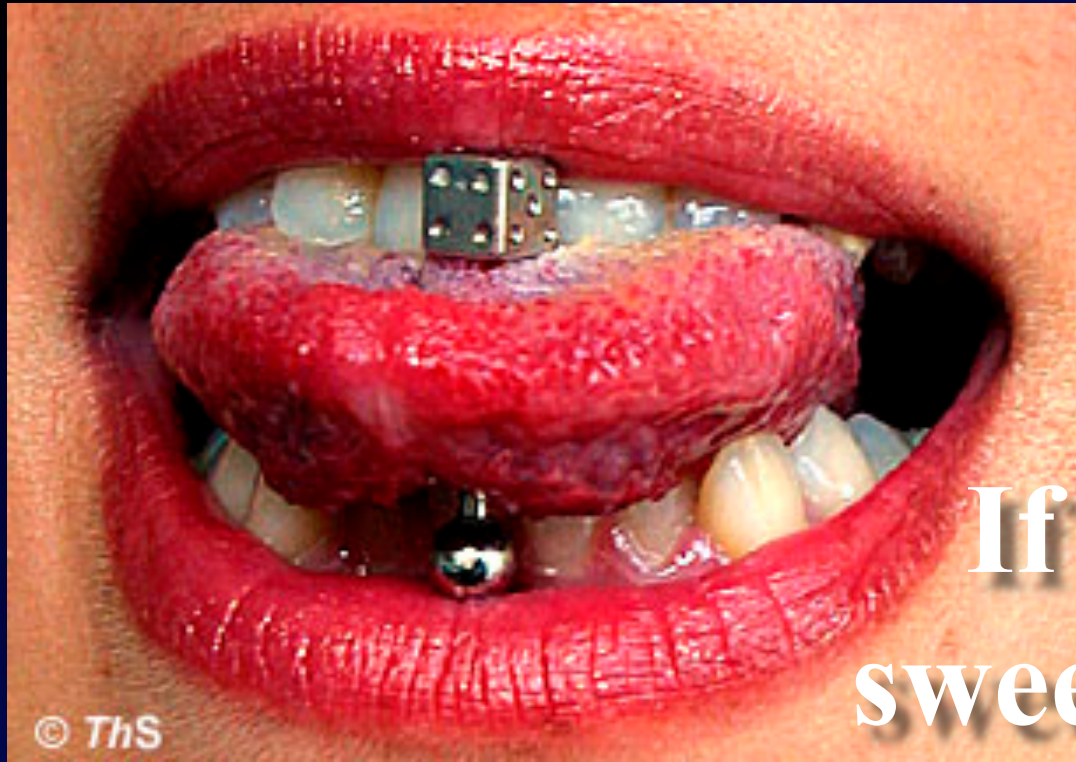


**What would happen
if you jabbed a
tongue depressor or
laryngoscope blade
against this?**



© ThS

**What
to
Do?**



**If in a hurry,
sweep the tongue
to the side and
push the stud
out of the way**



Remember:

- **They can break off**
- **They are contaminated**
- **They can be sharp**

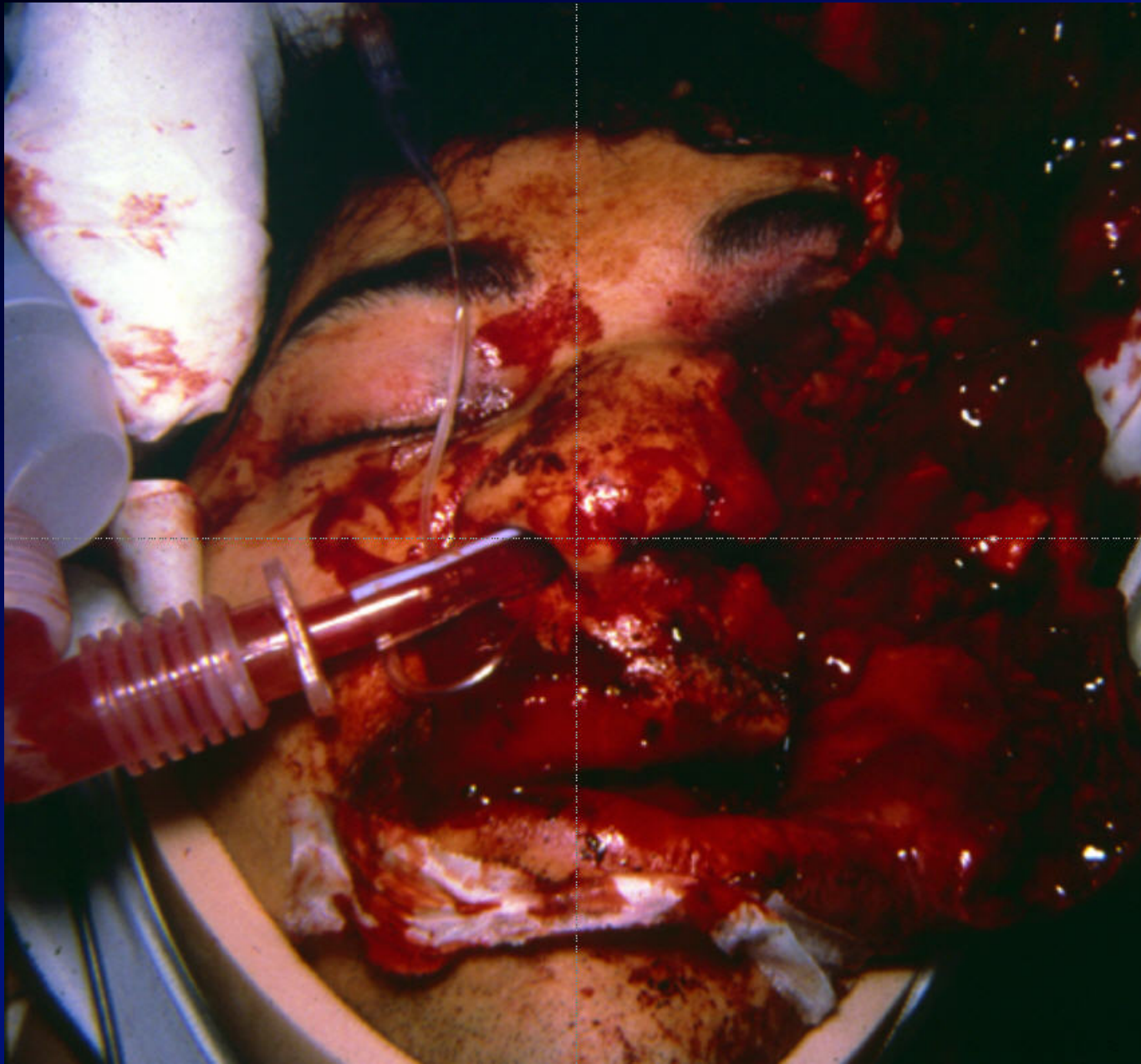


© ThS

**Treat them
as you would
a “sharp”**











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Tongue piercers told 'don't do it'

05 October 2002

By KATE BUCHANAN

Natasha Twiss has one simple piece of advice for anyone considering getting their tongue pierced – don't.

The 19-year-old Invercargill woman was taken to hospital last week and had to endure a painful bronchoscopy to remove part of her tongue stud which was lodged in her right lung.

"It was the scariest part of my life when I was lying there and the doctors were jabbing things down my throat," Miss Twiss said.

The daisy-shaped accessory popped off the top of the stud while Miss Twiss was driving earlier last month.

"I choked on it," she said.

Miss Twiss started having trouble breathing two and a half weeks later and went to see her doctor.

"He said there was something funny sounding in my right lung," she said.

"It (the daisy) was sitting in the bottom of my lung."

She was rushed to Dunedin Hospital to have it removed and suffered through two bronchoscopy procedures before it was finally out.

Miss Twiss plans to remove her piercing as soon as possible but was instructed to wait for two weeks after the operation to ensure any swelling had gone down.

Miss Twiss said it was important anyone considering getting their tongue pierced was aware of the dangers.

"Make sure it's on tight," she said.



HIDDEN DANGER: Natasha Twiss displays the tongue piercing that put her in hospital.
BARRY HARCOURT/The Southland Times

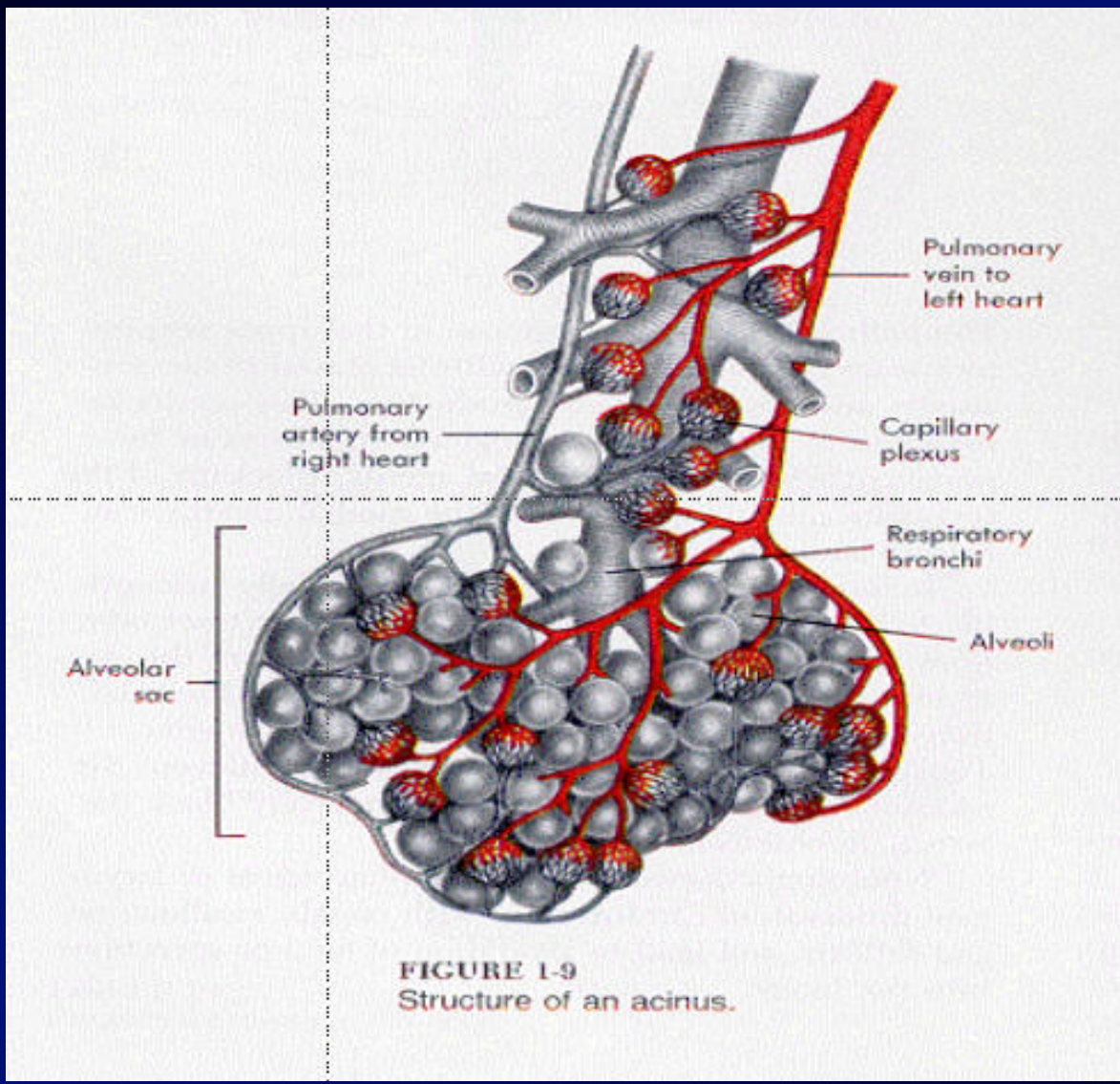
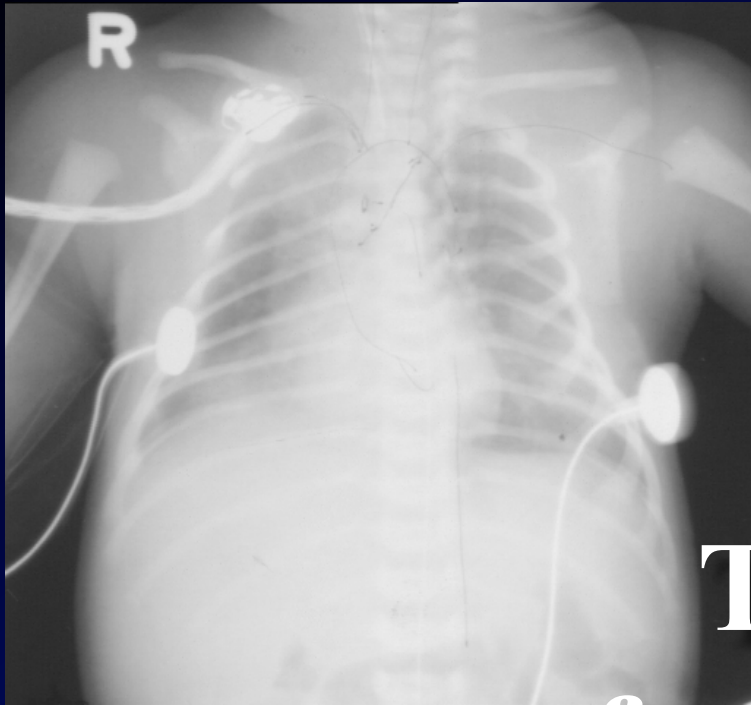


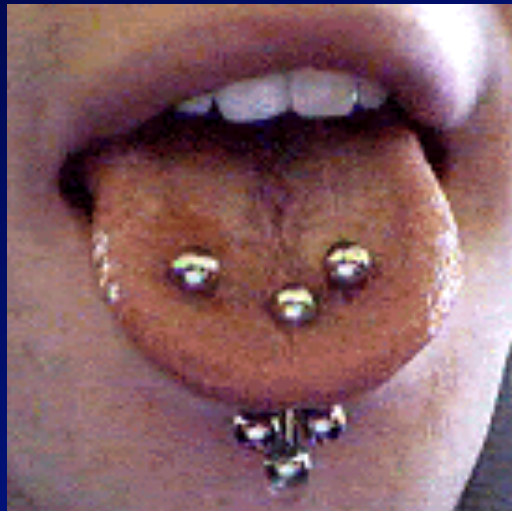
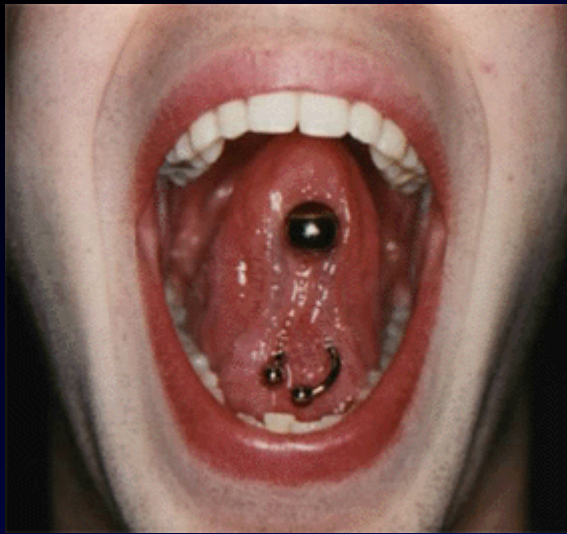
FIGURE 1-9
Structure of an acinus.





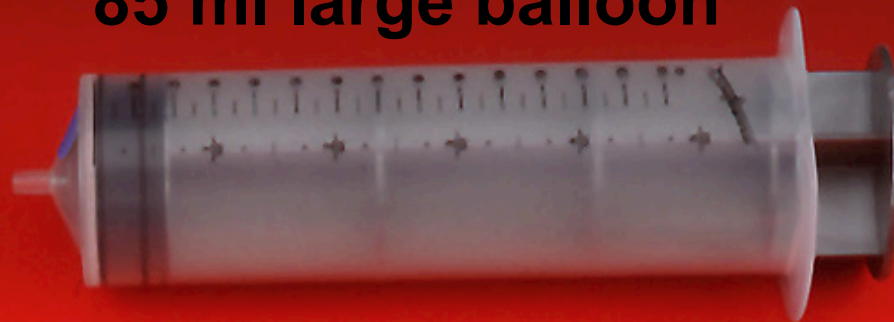
**The differential
of respiratory distress
ALWAYS includes
aspiration and
foreign bodies**



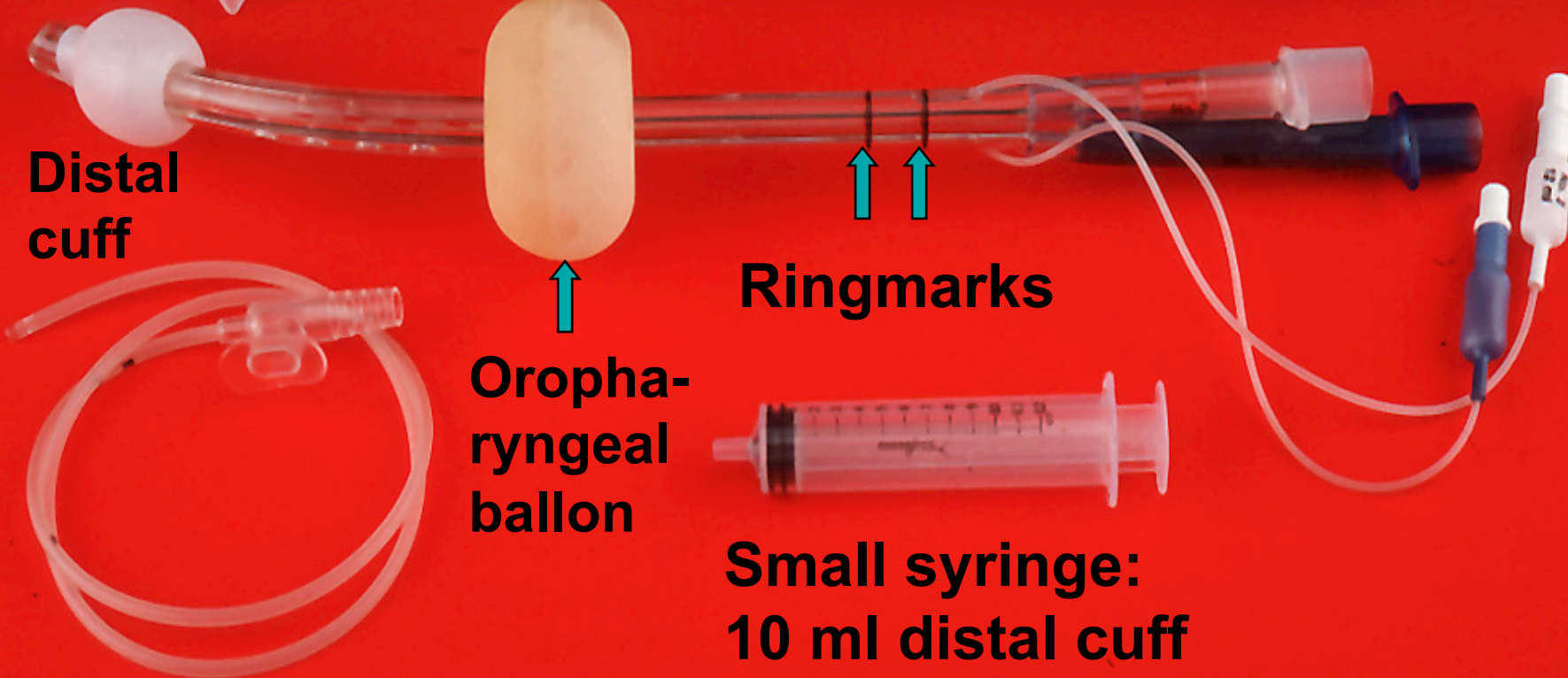


**Large (blue) syringe:
85 ml large balloon**

Elbow deflector



**Distal
cuff**



Ringmarks

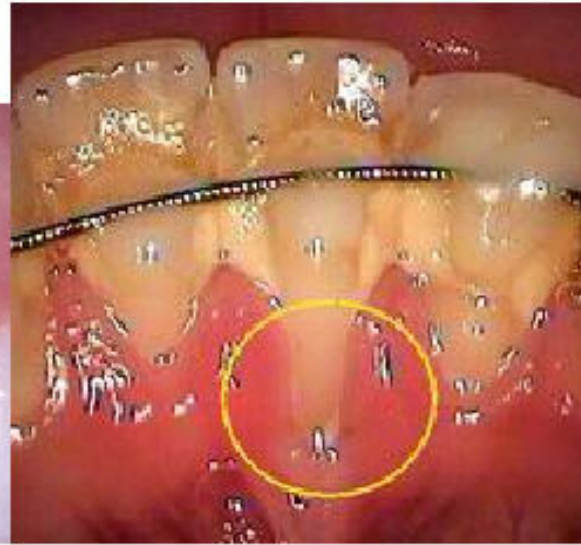
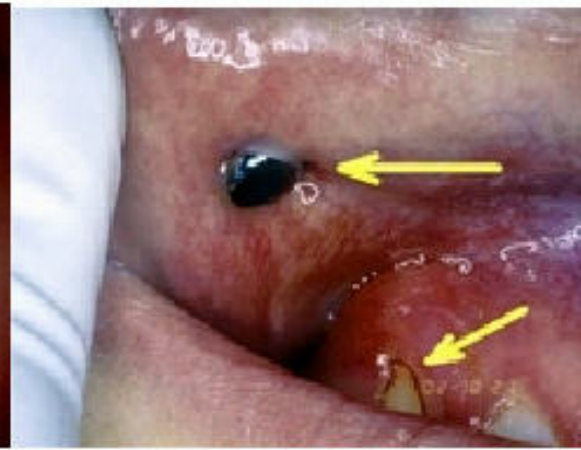
**Oropha-
ryngeal
ballon**

**Small syringe:
10 ml distal cuff**

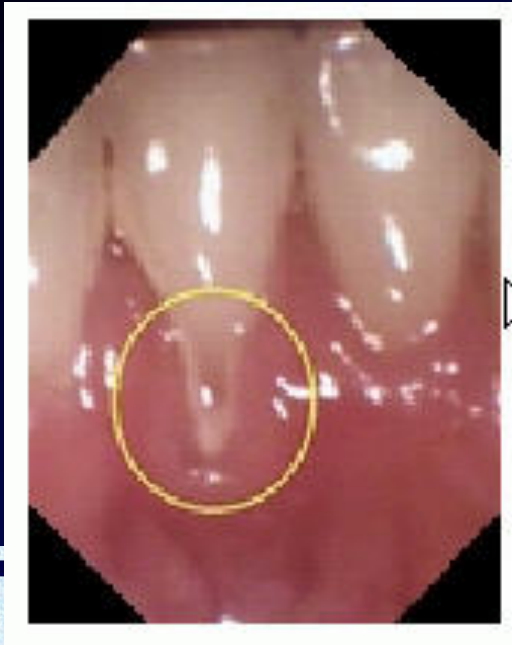
Suction catheter







Teeth and Gum Damage



Dentists Warn Against Oral Piercing

Ornaments Can Chip Teeth, Introduce Bacteria

POSTED: 5:01 p.m. EST November 17, 2003

WASHINGTON -- Although some people consider them fashion statements, researchers are finding out that piercings to the tongue or lip may prove

"My best friend got his done in the Army, and about a week later I got mine done," said Moses Rodriguez.

Twenty-five-year-old Moses Rodriguez had his tongue pierced three years ago. He's a drama student at Montgomery Community College in Rockvi

After his tongue jewelry chipped a tooth, he started wearing plastic studs, but otherwise, he says he's had no problems.

But the American Dental Association warns that he's likely to have problems with gum disease in a few years.

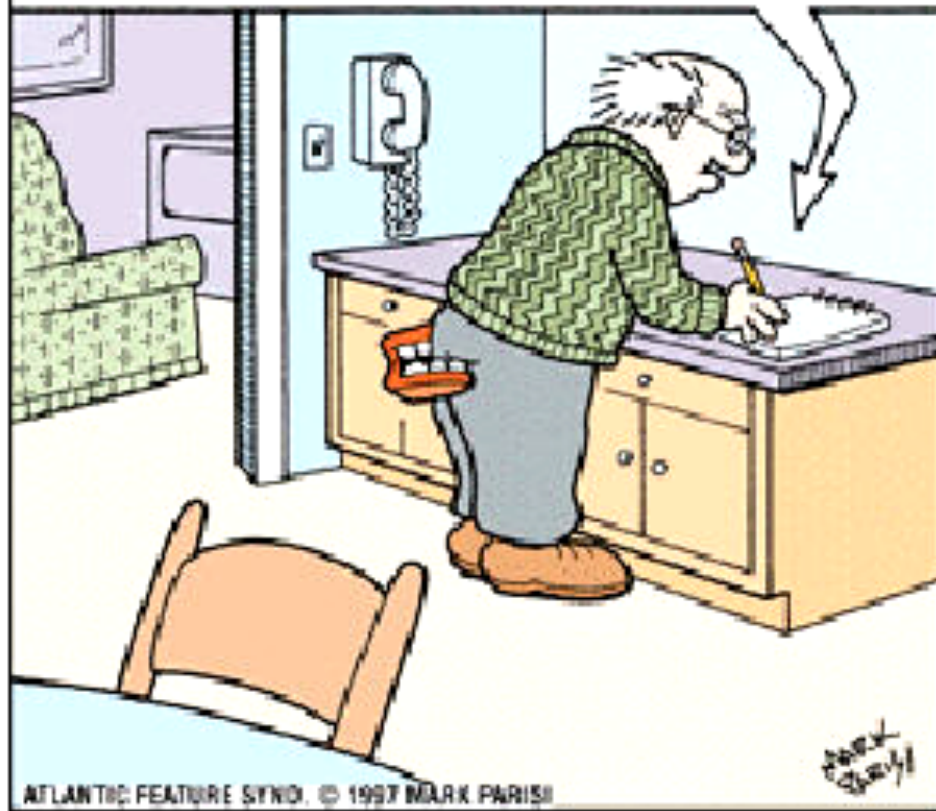
"We found that the oral piercings can cause the gums to pull away from the root, potentially causing the tooth to be lost. The most common injury to teeth themselves," said Dr. John Brooks.

off the mark

by Mark Parisi

www.offthemark.com

1. CALL DENTIST ABOUT MISSING DENTURES.
2. CALL DOCTOR ABOUT EMBARRASSING NEW DISCOMFORT.

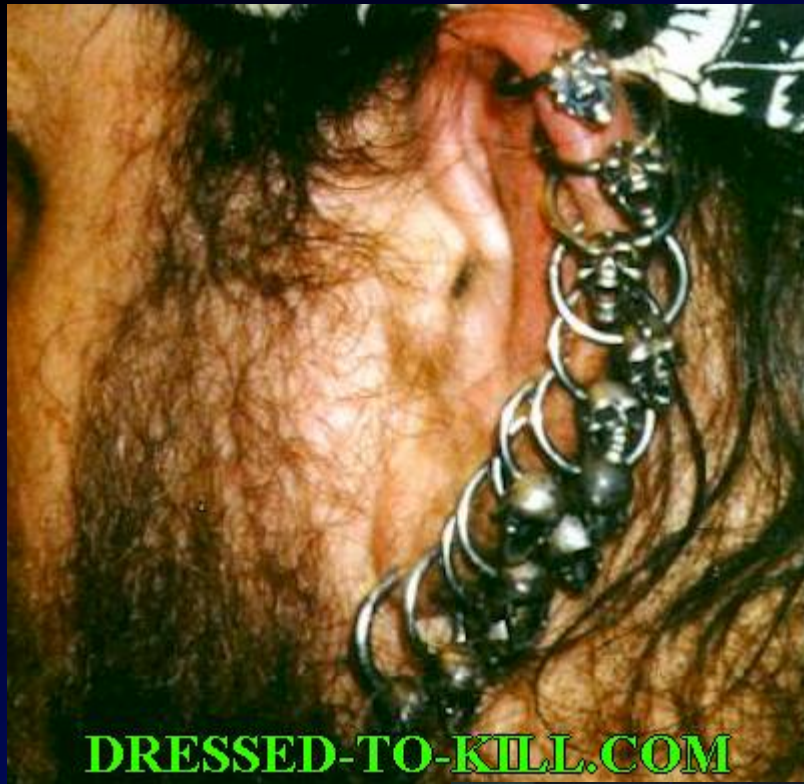


ATLANTIC FEATURE SYND. © 1997 MARK PARISI

Issues About Piercing

Elsewhere



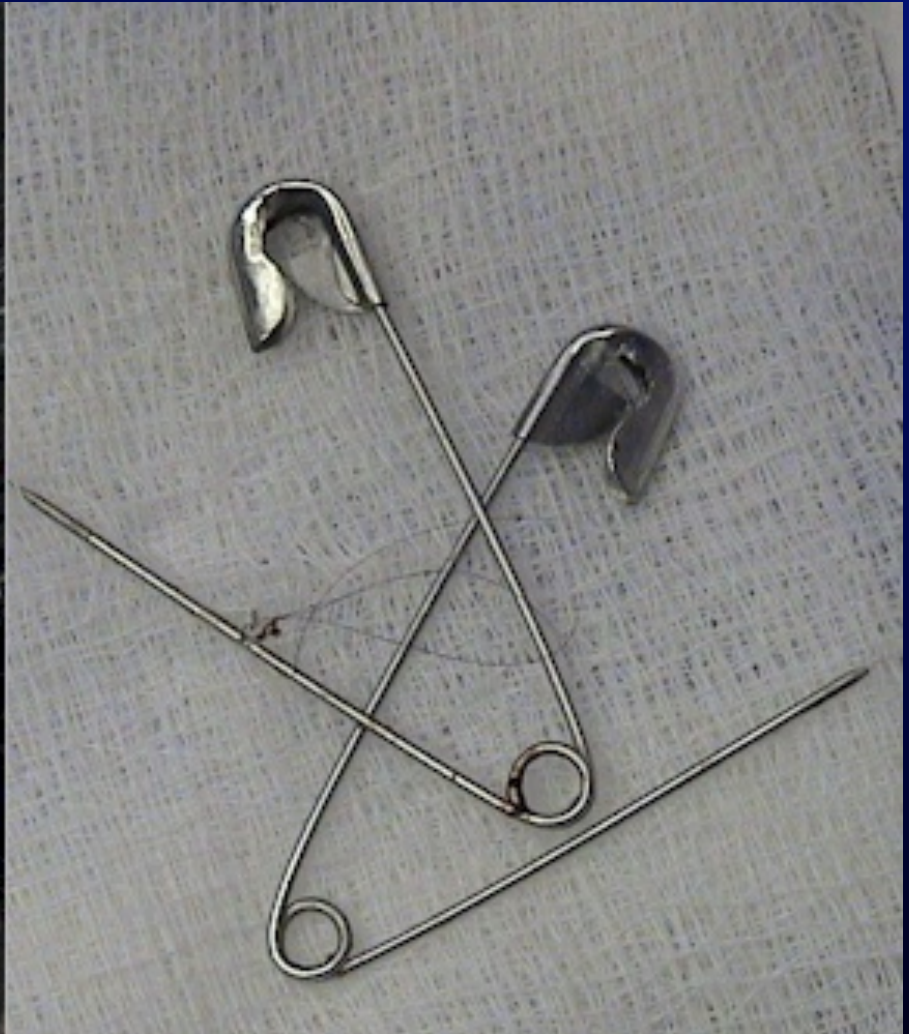


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**Scalp Cellulitis
associated with
Ear Piercing**



off the mark

by Mark Parisi

www.offthemark.com



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Answer

A chalazion, or conjunctival granuloma, is caused by an obstruction of 1 of the approximately 40 meibomian glands in the upper or lower eyelids. The walls of the clogged gland expand and then thicken, ultimately forming a granulomatous nontender mass. This mass may compress the eye, changing the corneal curvature. Visual disturbances result, which tend to vary during the day because of subtle changes in the size of the chalazion and the amount of edema in the eyelid. Once the lid lesion is stable, changing the prescription should improve the vision. The application of warm compresses to the eyelid sometimes reduces the size of the chalazion and improves the vision. If no response occurs, surgical removal of the granuloma through the inside of the eyelid restores normal vision.

BACKGROUND

A 53-year-old man visits his primary care physician because of blurry vision in his right eye that has lasted approximately 3 weeks. Incidentally, he mentions that a painless lump has



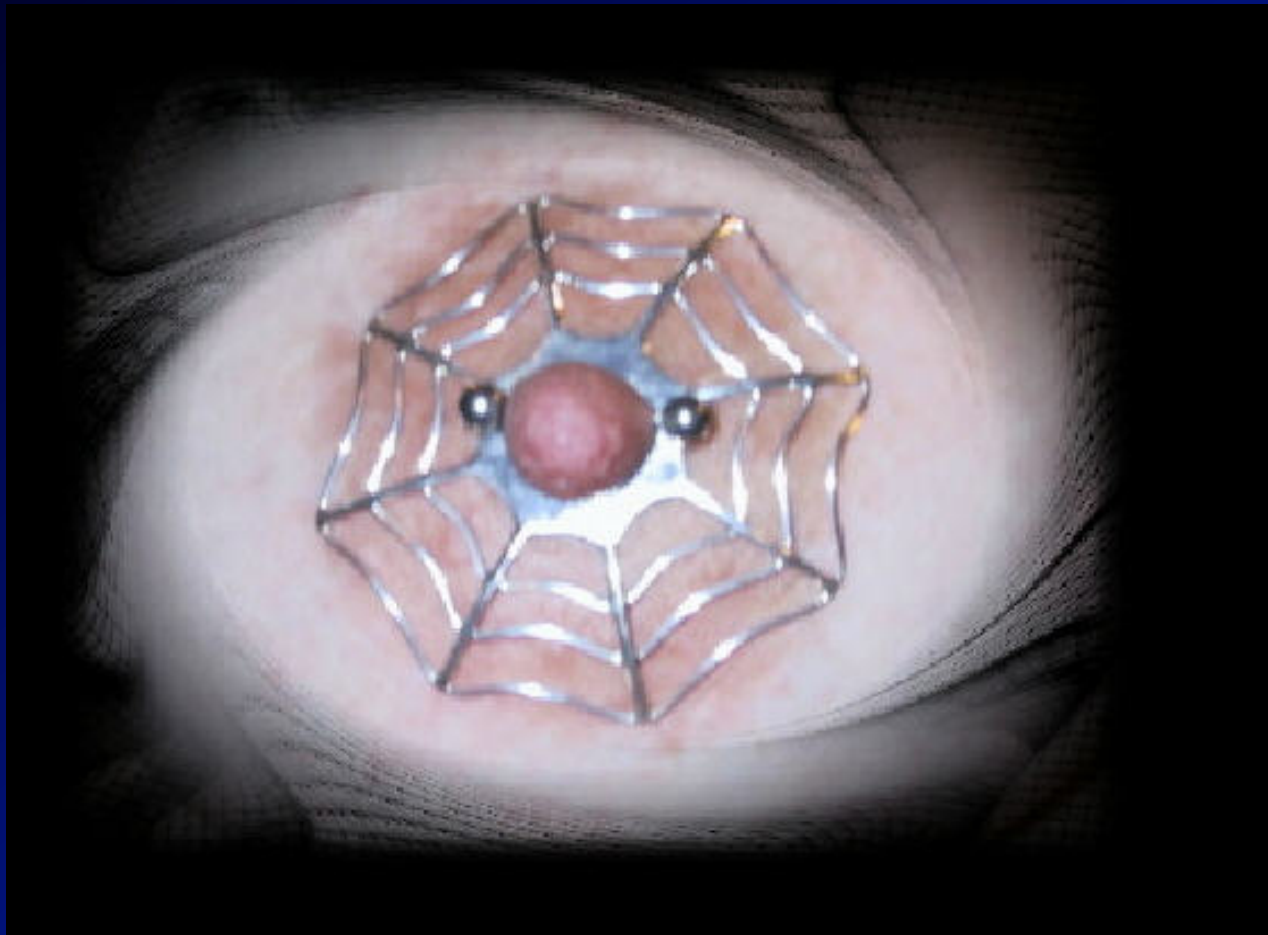
Captured by SnagIt
Buy now to prevent this tag
www.techsmith.com

Issues About Piercing

Chest







Issues About Chest Piercing

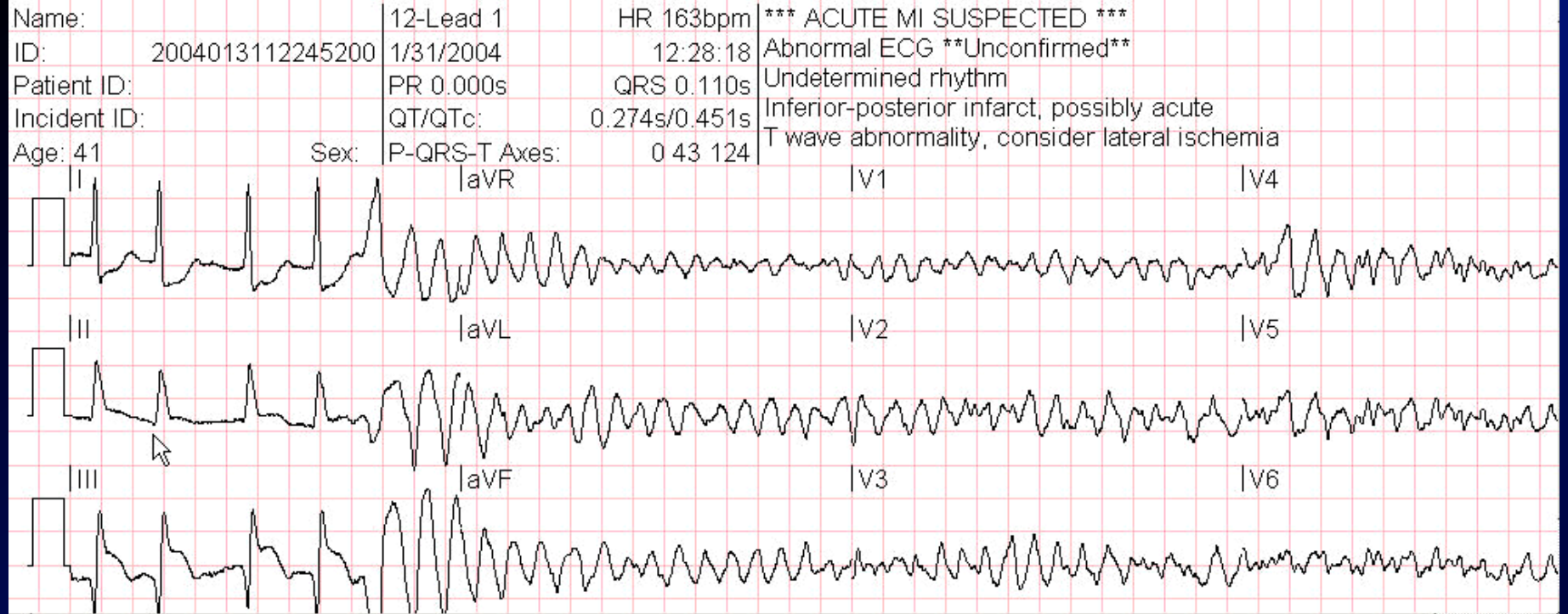
**EKG Electrodes
Defibrillation**

4: 22P HR 188



PRINTED IN U.S.A.

REBI-TABET



**Place the paddles
AWAY from any
Chest Piercings**









It sort of “suspends” belief, doesn’t it?

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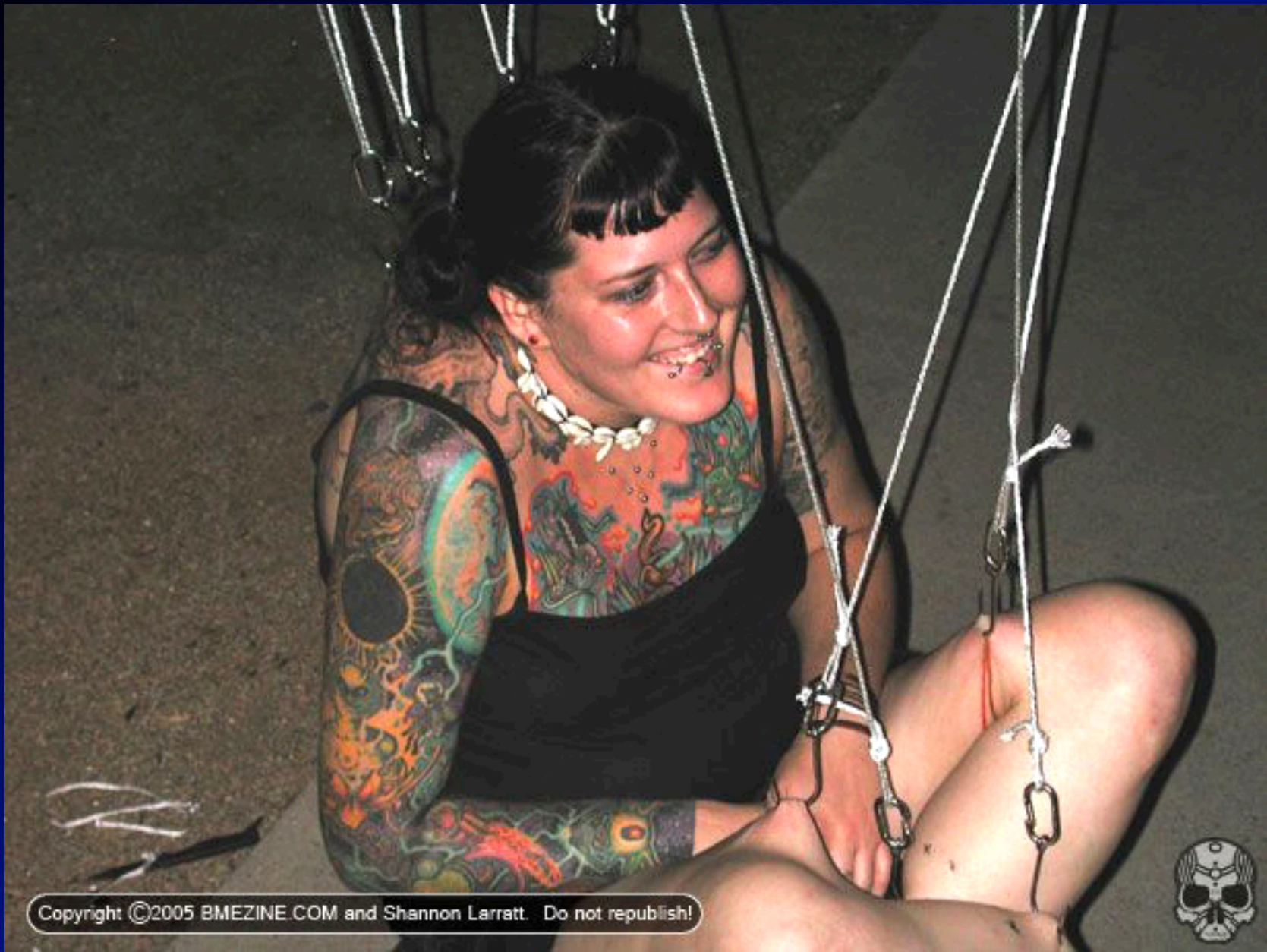




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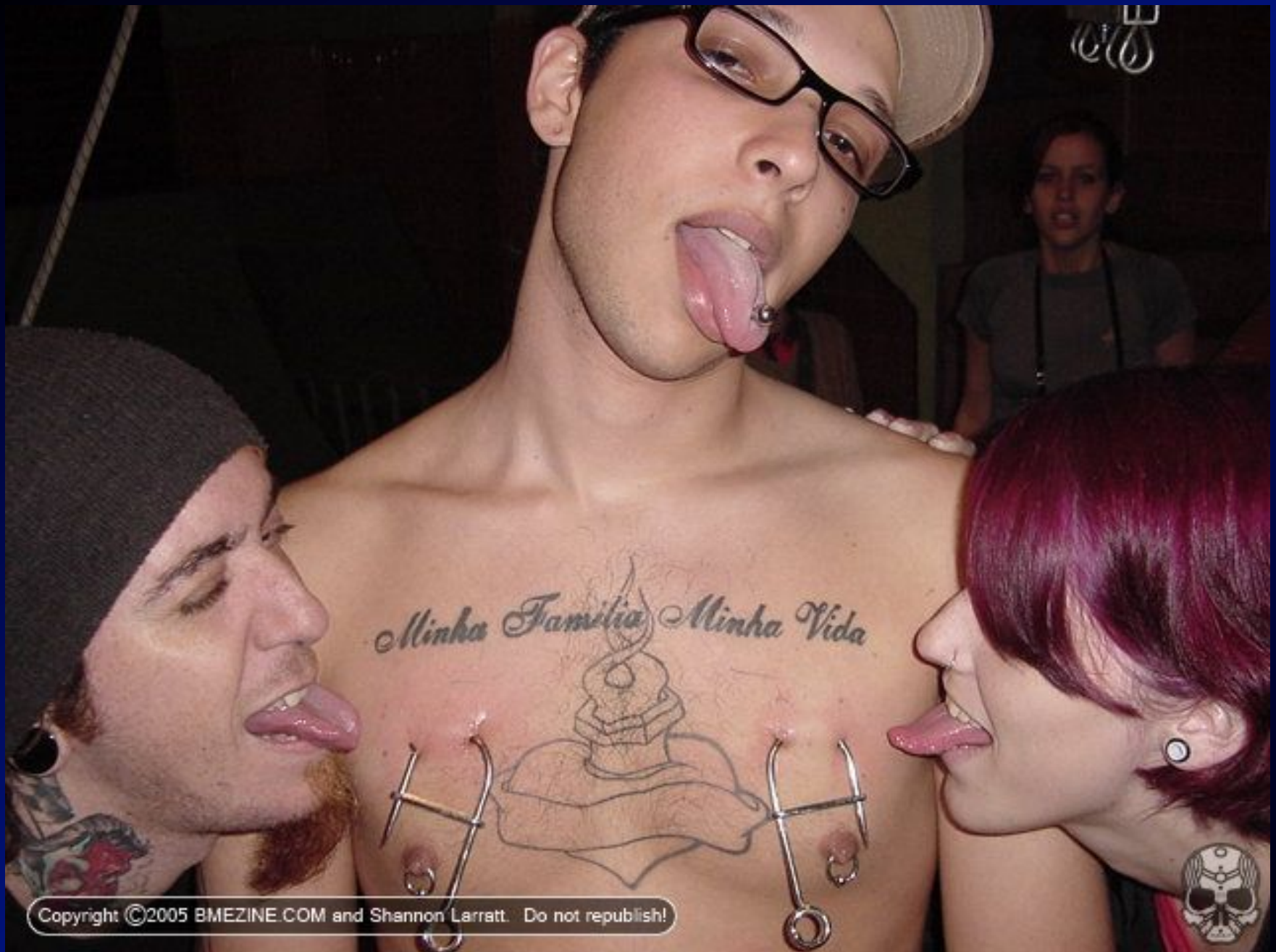


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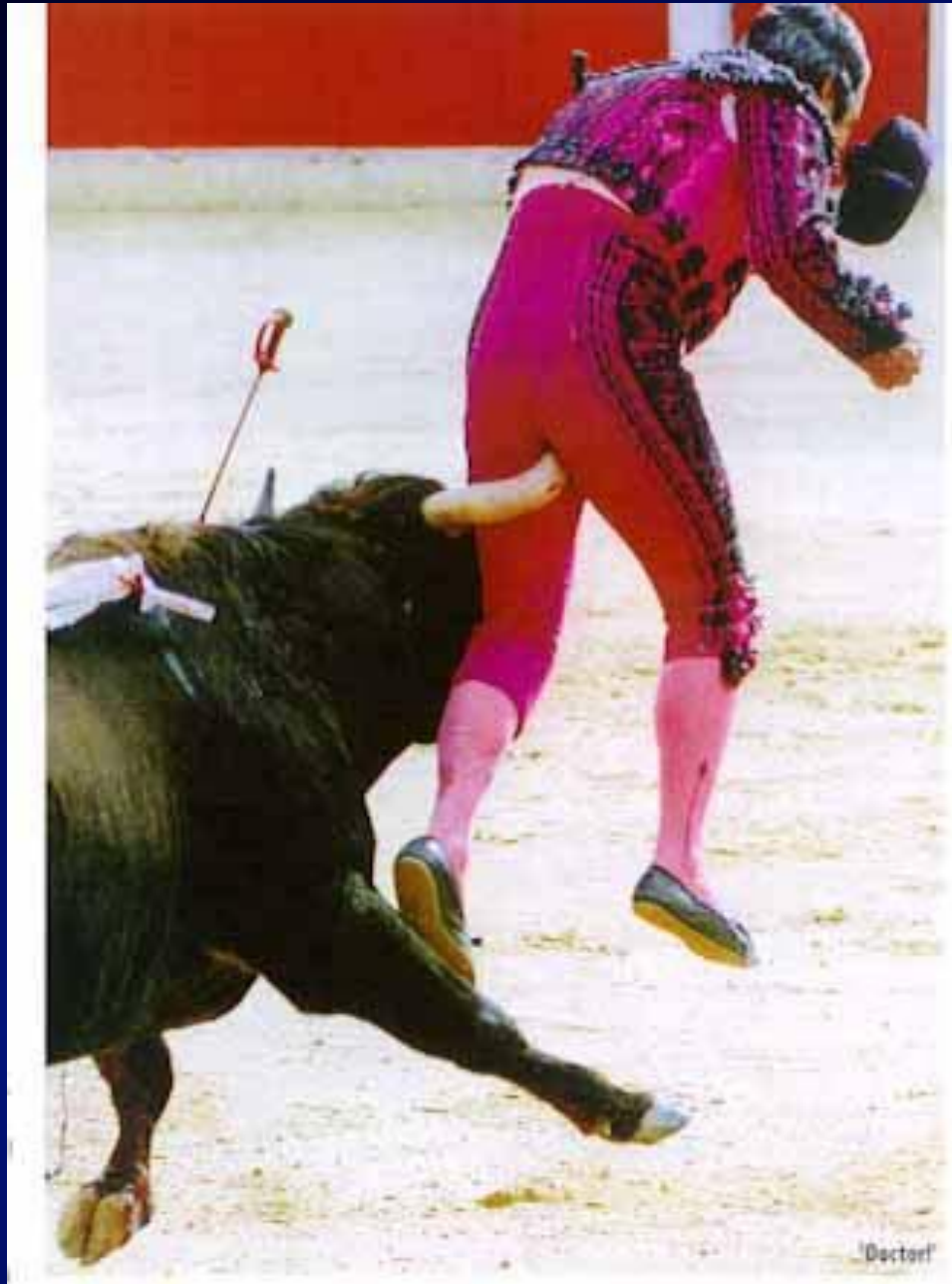


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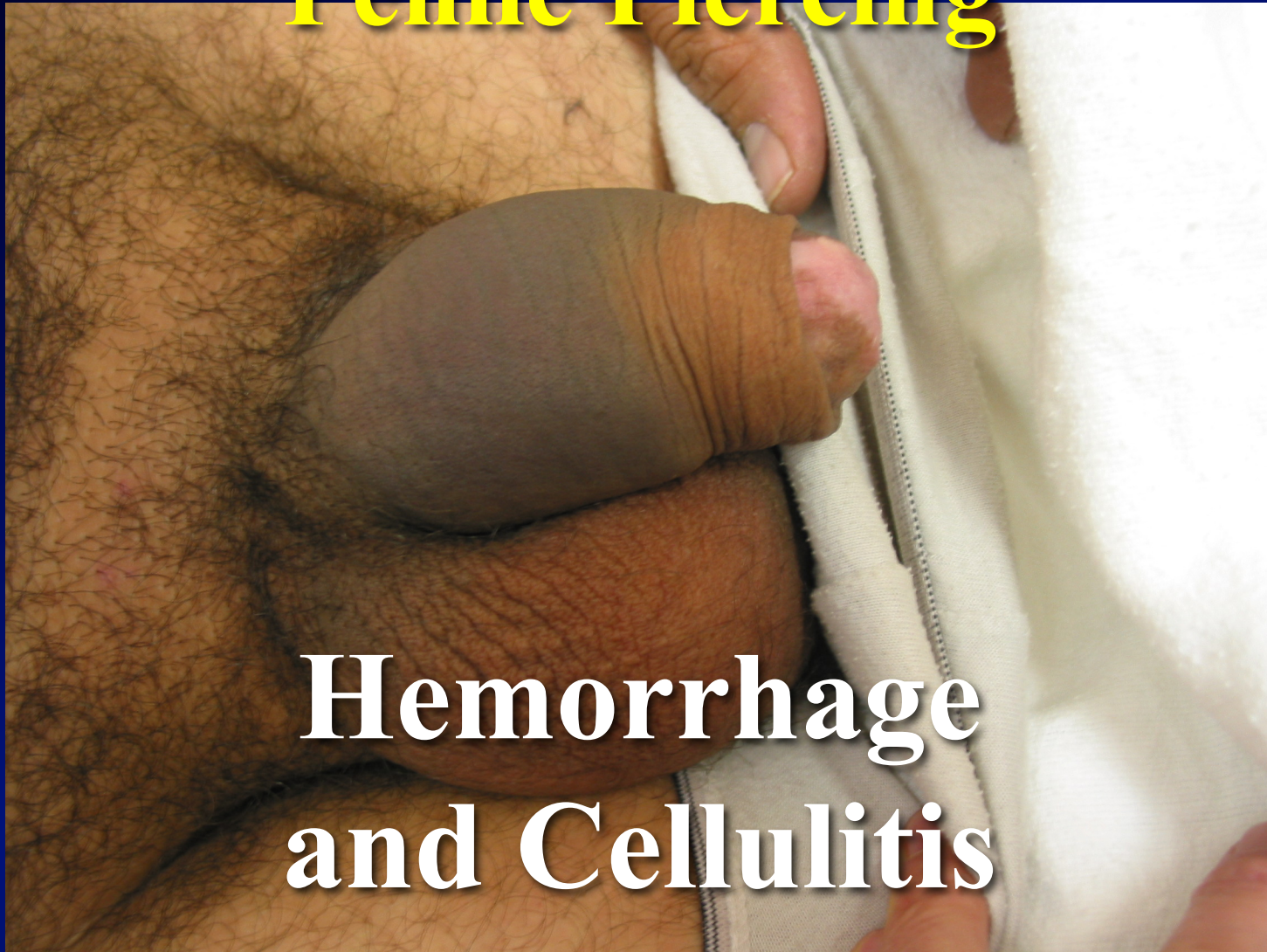


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Complications of Penile Piercing



Hemorrhage
and Cellulitis



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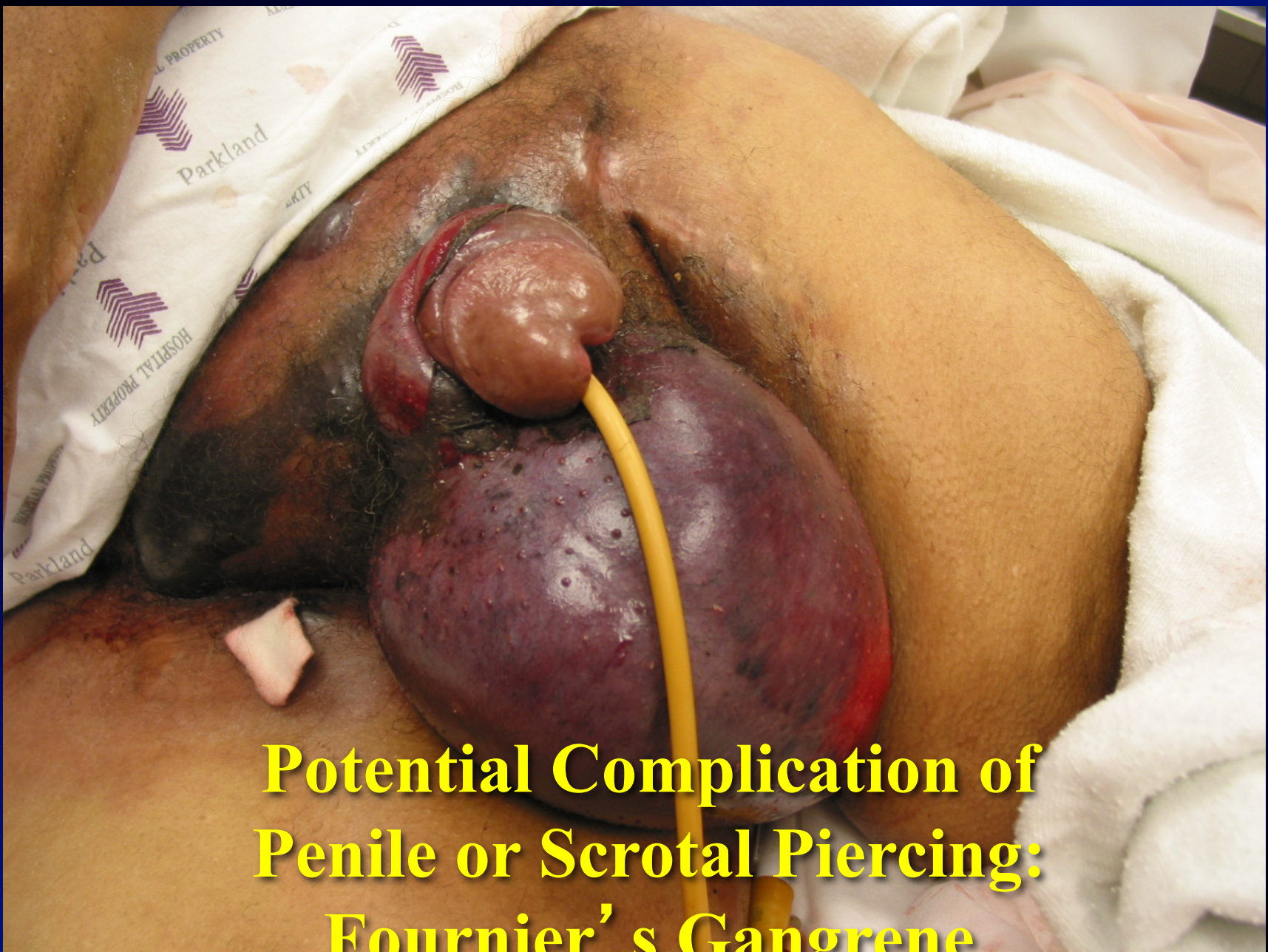


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**Potential Complication of
Penile or Scrotal Piercing:
Fournier's Gangrene**



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**You can sort of imagine
that passing a urinary
catheter into this lady
could be a bit tricky**

***Or NOT!
You could do a
mental status check
at the same time!***



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Concluding Thoughts on Piercings

- *Don't get caught*
- *Consider the airways*
- *Think MRSA and other Infections*
- *EKG and Defibrillation Issues*

Concluding Thoughts on Piercings

*In Dallas,
70% of staph cultures
are now Methicillin Resistant
(MRSA)*



Tim Peckham



American flag: \$25
Gasoline: \$2
Cigarette Lighter: \$2.50

**Catching yourself on fire because you are a
terrorist asshole: PRICELESS**

Thoughts on Tattoos





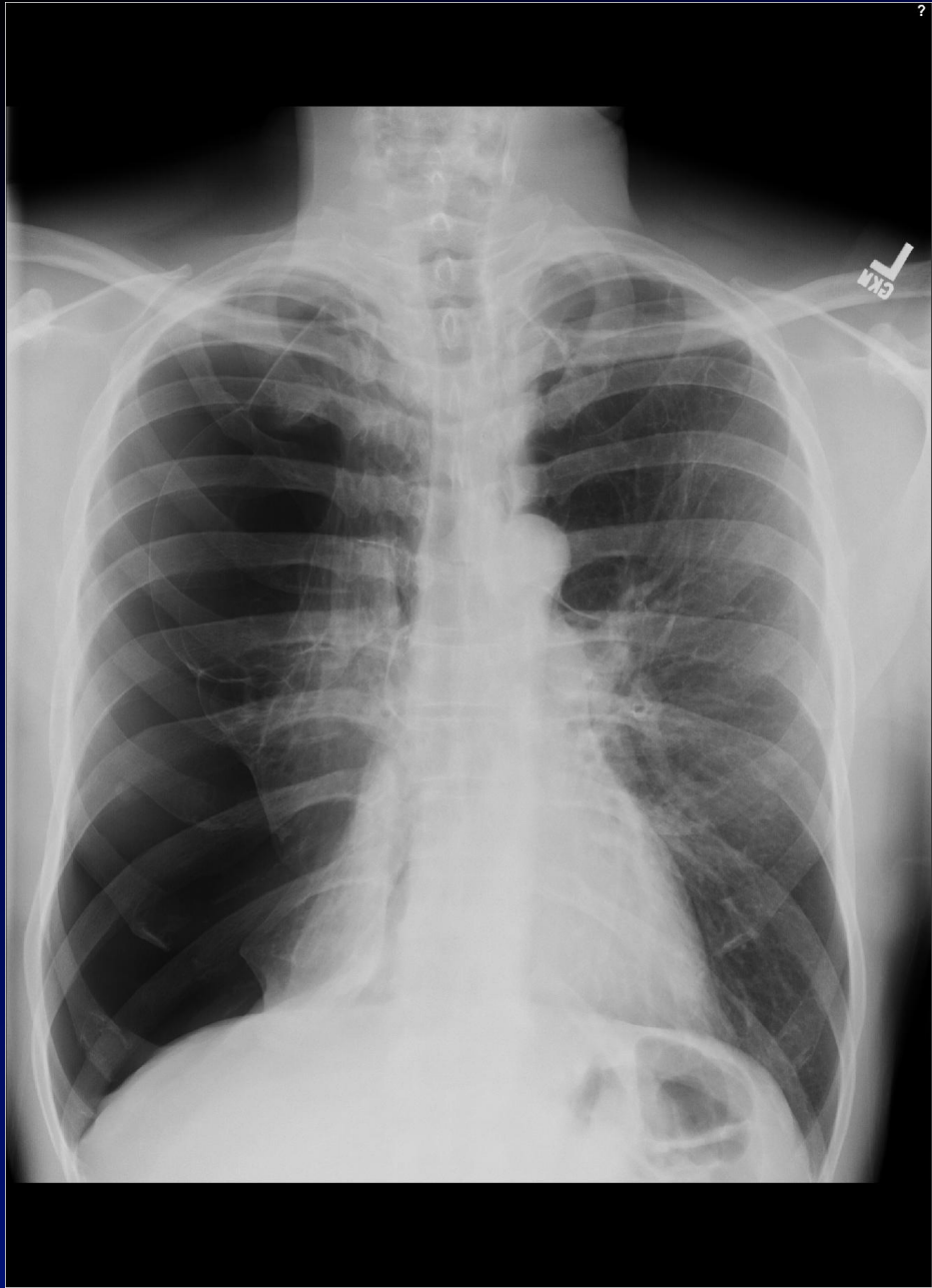




Complications of Tattoos

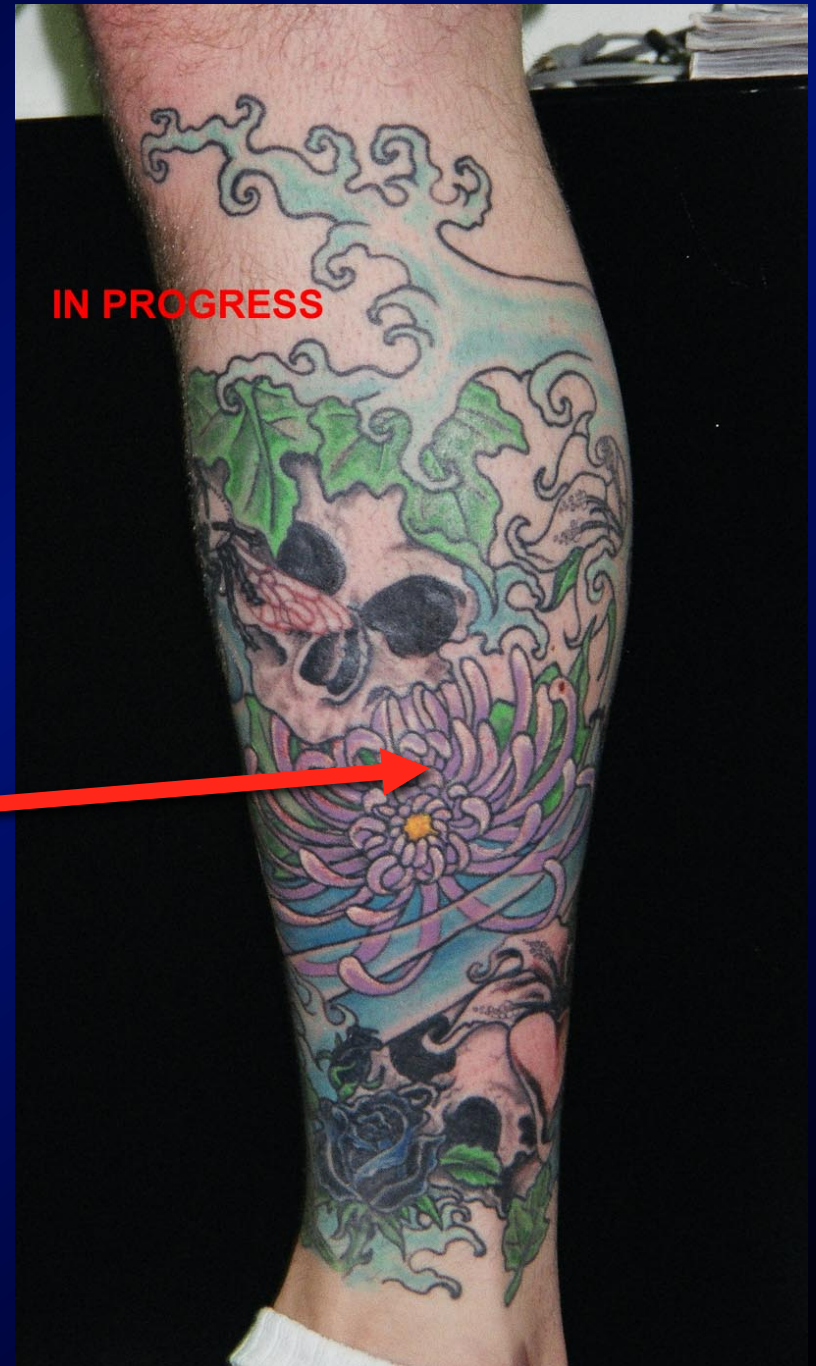
- Early
- Late







**Might you have
some difficulty
locating forearm
veins, especially if
the patient is
in shock?**



Complications of Tattoos

- **Early**
 - **Cellulitis**
 - **Allergic reactions**



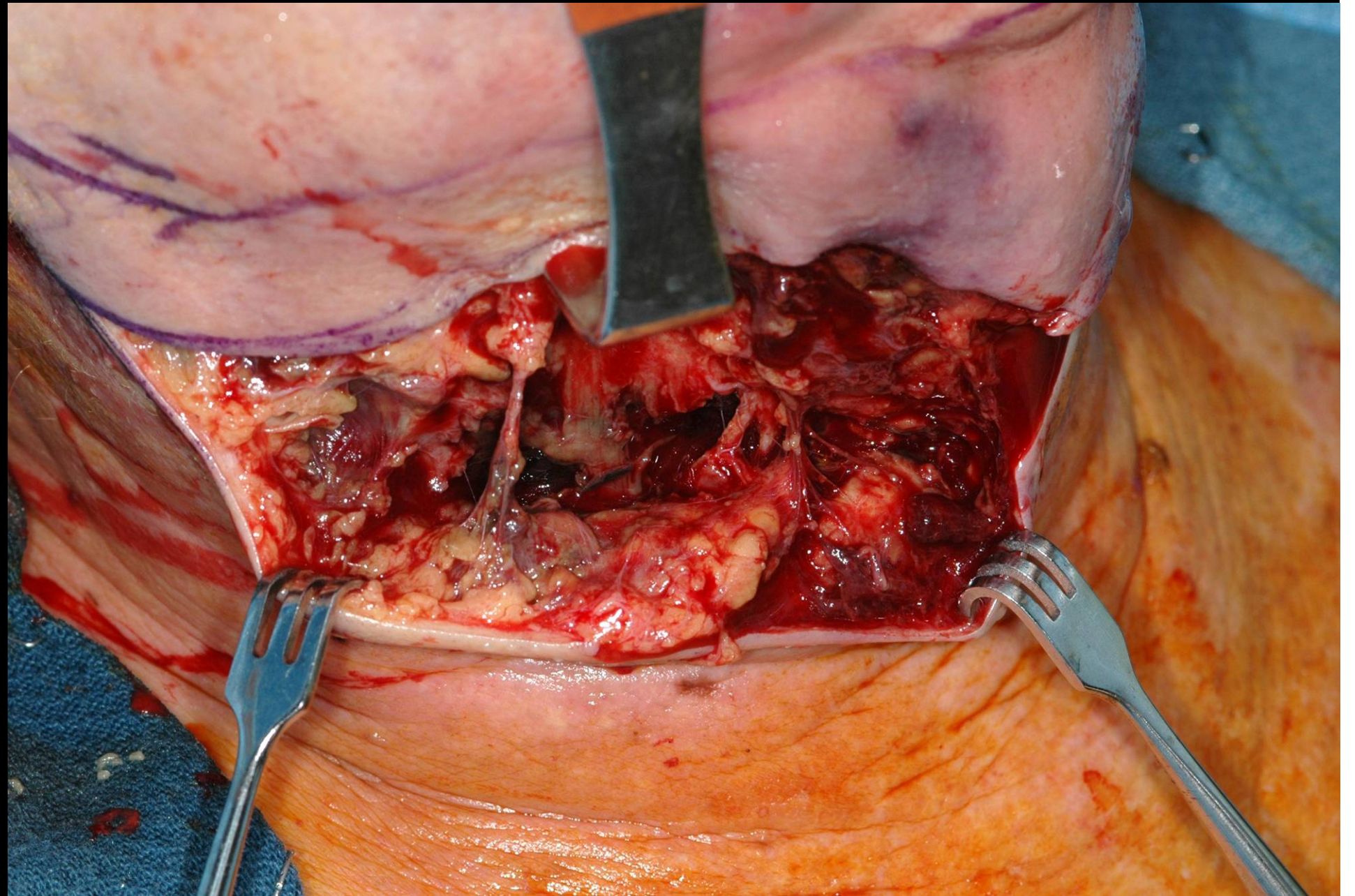




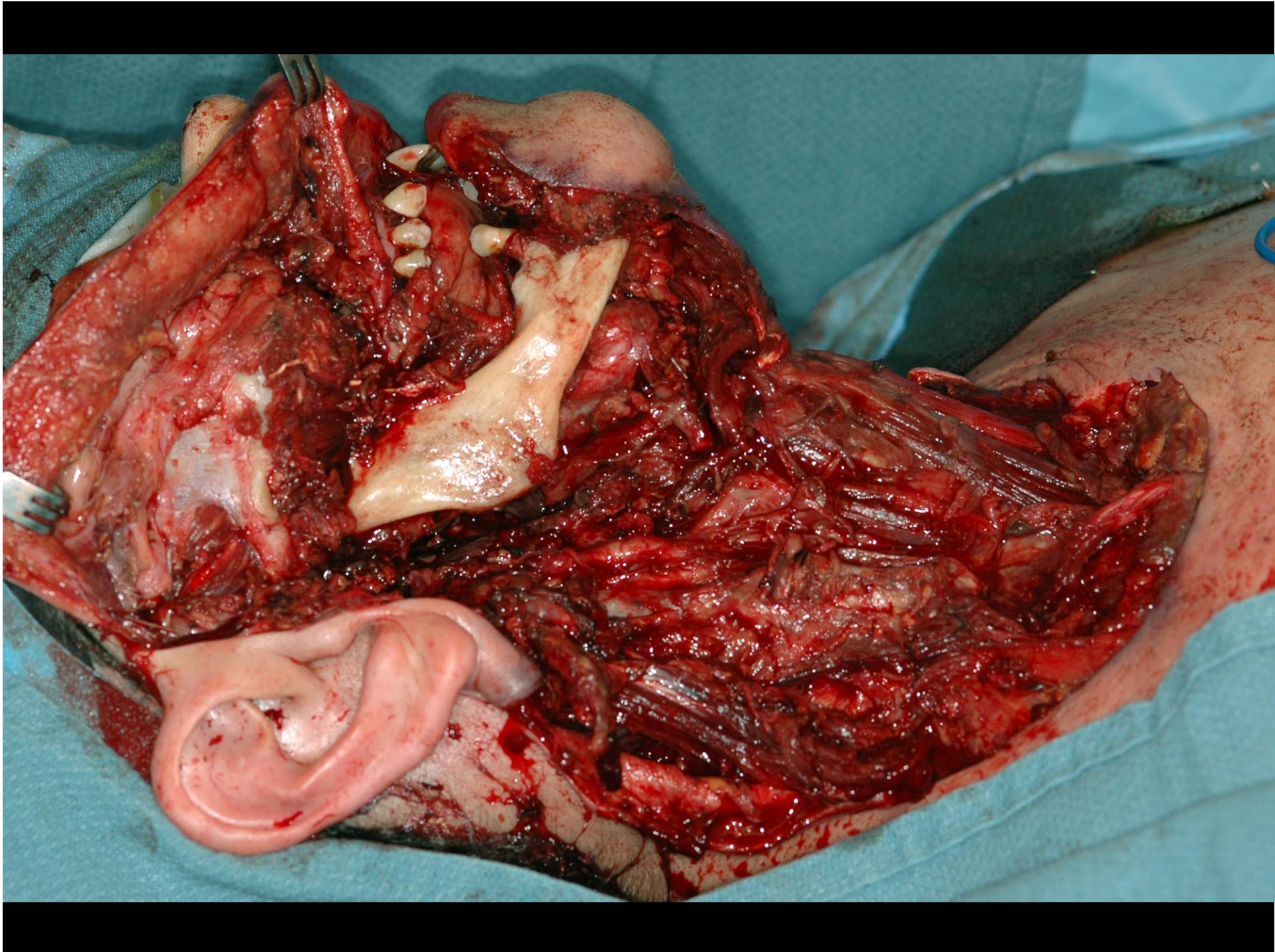






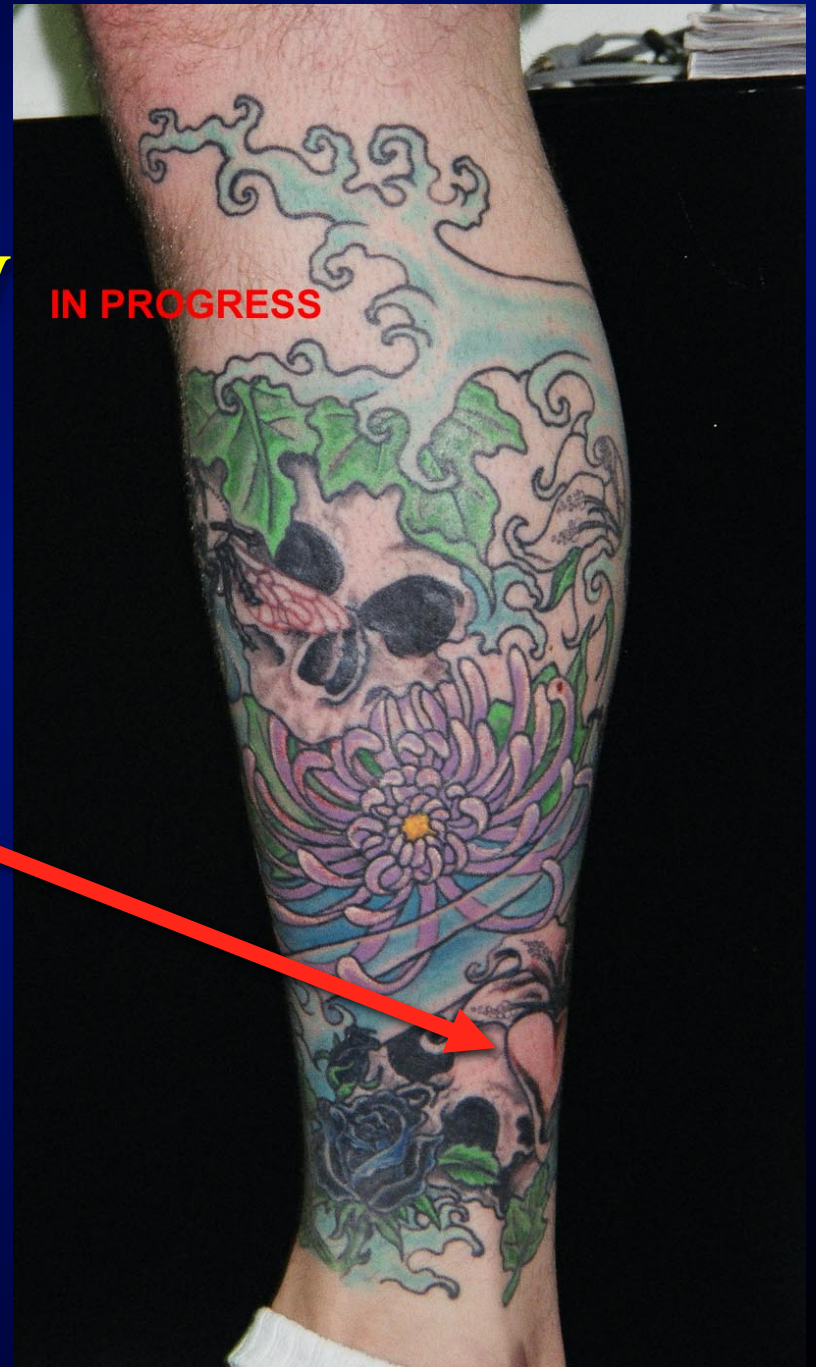








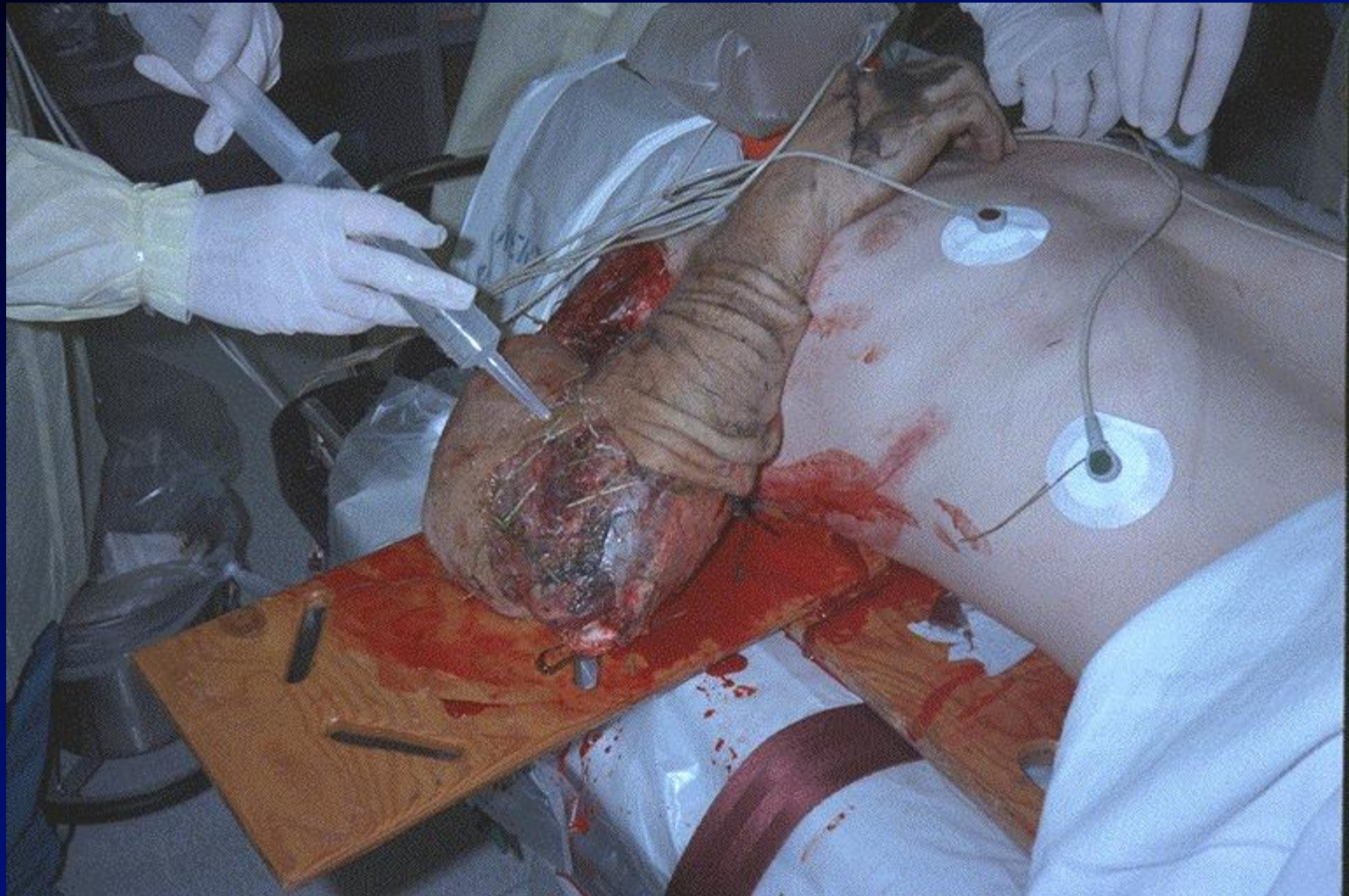
**Would you possibly
have a problem
seeing cellulitis
on this arm?**



Complications of Tattoos

- **Late**

- **Allergy**
- **Keloid Formation**
- **Obscuring Venous Access**
- **Obscuring Cellulitis**
- **Obscuring Skin Conditions**
- **Removal Issues**









ANDERSON

HDF 2

Jamm





**Might cyanosis be hard
to see in this setting?**



**Remember:
You only SEE cyanosis, like JVD,
if you LOOK for it**

Cyanotic Babies: ABC

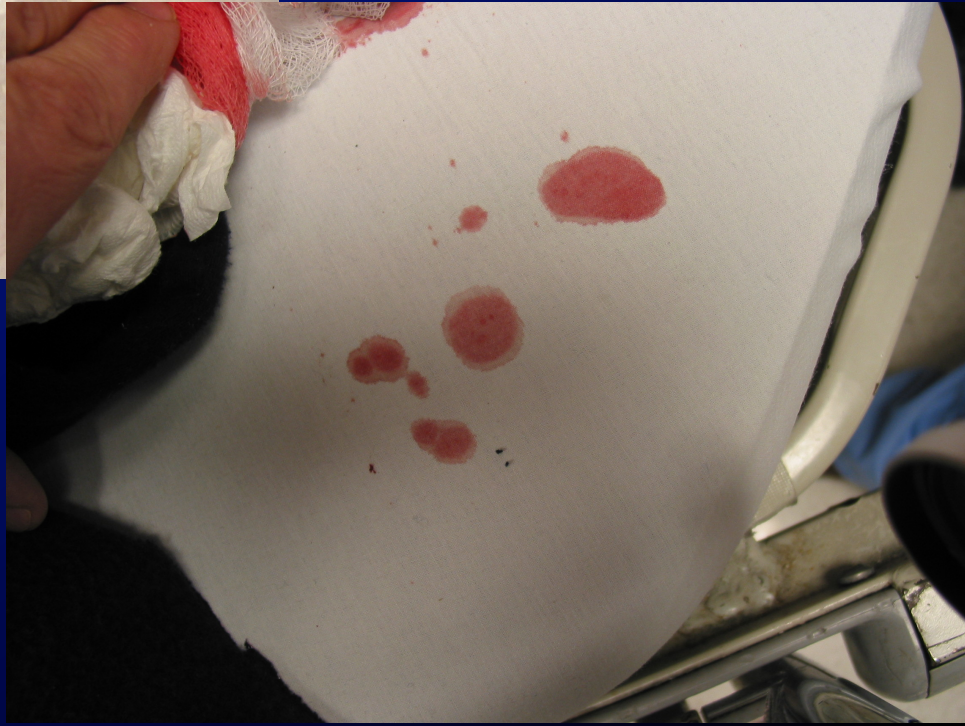
**Think Airway
Think Lungs
Think Heart
(such as CHD)**





Old guy, a little short of breath







**Modest increased incidence
of IV drug use**

**If you're gonna shoot up,
isn't it better to find
ONE HOLE that seems to work?**

Complications of IV Drug Use

- **Hepatitis B**
- **Hepatitis C**
- **HIV**
- **Sepsis**
- **Endocarditis**
- **Epidural abscess**
- **Psoas abscess**



**Beware of THIS guy
with a back ache
and fever**

*Epidural or
psoas abscess*







off the mark

by Mark Parisi

www.offthemark.com

... AND THEN I HEARD A
LOUD BANG AND WHEN I
TURNED BACK HE WAS GONE!



www.offthemark.com

ATLANTIC FEATURE ©1987 MARK PARISI

Is tattoo ink safe?

Emma Marris

Student project reveals unpredictability of inks' ingredients.

Leslie Wagner, an undergraduate at Northern Arizona University, got a tattoo her freshman year. Later, wondering what causes tattoos to fade, she discovered that no one really knows what is in the ink, or whether the ingredients differ from brand to brand.

Perusing dermatology journals, she found that people from time to time have bad reactions to the ink in their tattoos, particularly when getting MRI scans (the magnetic fields involved sometimes seem to heat the ink beneath the skin). And further investigation showed that the inks are not subject to any safety regulations, at least not in the US.

So Wagner joined up with similarly tattooed Haley Finley-Jones, also at Northern Arizona University in Flagstaff, to examine the question. Finding funding was hard, says Jones. "A lot of people thought 'oh, just college students wanting to study tattoos'," she says. "Until they found out that the FDA doesn't regulate it."



There could be anything in that ink.

©

Punchstock

Chemicals in tattoo inks need closer scrutiny

March 14, 2005



As tattoos have grown in popularity, so have complaints of adverse side effects associated with both their application and removal. A new study, done by chemistry students at Northern Arizona University, looked at the chemical composition of a variety of tattoo inks to better understand their potential health risks.

The findings, presented at the 229th national meeting of the American Chemical Society, the world's largest scientific society, suggest that closer regulation of the tattoo industry may be warranted, according to the researchers.

Although inks used in tattoos are subject to regulation by the U.S. Food and Drug Administration as cosmetics and color additives, the agency has not traditionally regulated them, letting the task fall to local jurisdictions, according to a fact sheet issued by the FDA Office of Cosmetics and Colors <http://www.cfsan.fda.gov/~dms/cos-204.html>. This effectively gives a tattoo artist license to inject whatever he or she deems appropriate under the skin, according to the researchers.

U.S. Department of Health & Human Services
U.S. Food & Drug Administration
Center for Food Safety & Applied Nutrition

Food Ingredients and Packaging

Summary of **Color** Additives Listed for Use in the United States in **Foods, Drugs, Cosmetics, and Medical Devices**

**“This effectively gives
a tattoo artist
license to inject
whatever he or she
deems appropriate
under the skin...”**

U.S. Department of Health & Human Services
U.S. Food & Drug Administration
Center for Food Safety & Applied Nutrition

Food Ingredients and Packaging

Summary of Color Additives Listed for Use in the United States in Foods, Drugs, Cosmetics, and Medical Devices

Color Additives Approved for Use in Foods, Drugs, Cosmetics, and Medical Devices ⁽⁴⁾			
Part 201. Color additives subject to FD&C Act section 201			
21 CFR Section	Straight Color	Year ⁽²⁾ Approved	Uses and Restrictions
74.2052	D&C Black No. 2 ⁽³⁾		...ash-on-brow, eye shadow, mascara, lipstick, blushers and rouge, makeup and nail enamel.
74.2101	FD&C Blue No. 1		...etics generally. ...ows MnO ₂ in manufacture.
74.2104	D&C Blue No. 4		Eye area use (includes lake). Externally applied cosmetics.
74.2151	D&C Brown No. 1		Externally applied cosmetics.
74.2203	FD&C Green No. 3		...etics generally.
74.2205	D&C Green No. 5		...etics generally.
74.2206	D&C Green No. 6	1982	...ed cosmetics.
74.2208	D&C Green No. 8	1976	... cosmetics (NTE 0.01% (by wt) of finished cosmetic product).
74.2254	D&C Orange No. 4	1977	Ext... cosmetics.

From the FDA Website

What Risks Are Involved in Tattooing?

The following are the primary complications that can result from tattooing:

- **Infection.** Unsterile tattooing equipment and needles can transmit infectious diseases, such as hepatitis. The risk of infection is the reason the American Association of Blood Banks requires a one-year wait between getting a tattoo and donating blood.

It is extremely important to make sure that all tattooing equipment is clean and sterilized before use. Even if the needles are sterilized or never have been used, it is important to understand that in some cases the equipment that holds the needles cannot be sterilized reliably due to its design. In addition, the person who receives a tattoo must be sure to care for the tattooed area properly during the first week or so after the pigments are injected.

- **Removal problems.** Despite advances in laser technology, removing a tattoo is a painstaking process, usually involving several treatments and considerable expense. Complete removal without scarring may be impossible. See "The Most Common Problem: Dissatisfaction" and "Removal Techniques," below.
- **Allergic reactions.** Although allergic reactions to tattoo pigments are rare, when they happen they may be particularly troublesome because the pigments can be hard to remove. Occasionally, people may develop an allergic reaction to tattoos they have had for years.
- **Granulomas.** These are nodules that may form around material that the body perceives as foreign, such as particles of tattoo pigment.
- **Keloid formation.** If you are prone to developing keloids -- scars that grow beyond normal boundaries -- you are at risk of keloid formation from a tattoo. Keloids may form any time you injure or traumatize your skin, and according to Office of Cosmetics and Colors (OCAC) dermatologist Ella Toombs, M.D., tattooing or micropigmentation is a form of trauma. *Micropigmentation: State of the Art*, a book written by Charles Zwerling, M.D., Annette Walker, R.N., and Norman Goldstein, M.D., states that keloids occur more frequently as a consequence of tattoo removal.
- **MRI complications.** There have been reports of people with tattoos or permanent makeup who experienced swelling or burning in the affected areas when they underwent magnetic resonance imaging (MRI). This seems to occur only rarely and apparently without lasting effects.

Lasers Surg Med. 2000;26(1):13-21.

**Q-switch laser and tattoo pigments:
first results of the chemical
and photophysical analysis of 41 compounds**

**Baumler W, Eibler ET, Hohenleutner U,
Sens B, Sauer J, Landthaler M.**

**Department of Dermatology
University of Regensburg, Germany.**

CONCLUSION:

The results of the present analysis explain to some extent the outcome of clinical studies regarding laser therapy of coloured tattoos.

Because the laser energy used produces a high temperature in the azo or polycyclic pigments, it is necessary to investigate whether that change causes possibly toxic or cancerogenic compounds.

Photochem Photobiol.
2004 Sep-Oct;80(2):185-90.

Tattoo pigments
are cleaved by laser light-
the chemical analysis in vitro
provide evidence for hazardous compounds

**Vasold R, Naarmann N, Ulrich H,
Fischer D, Konig B, Landthaler M, Baumler W.**

**Department of Organic Chemistry
University of Regensburg, 93042
Regensburg, Germany.**

**The high laser intensities
cleaved the azo compounds,
leading to an increase of
decomposition products such as
2-methyl-5-nitroaniline,
2-5-dichloroaniline
and 4-nitro-toluene,
*which are toxic or even
carcinogenic compounds***

Branding



*Let's leave this
for another time*

**...and, to make a plug
for a new device that
might help when you
can't find an IV in adults...**

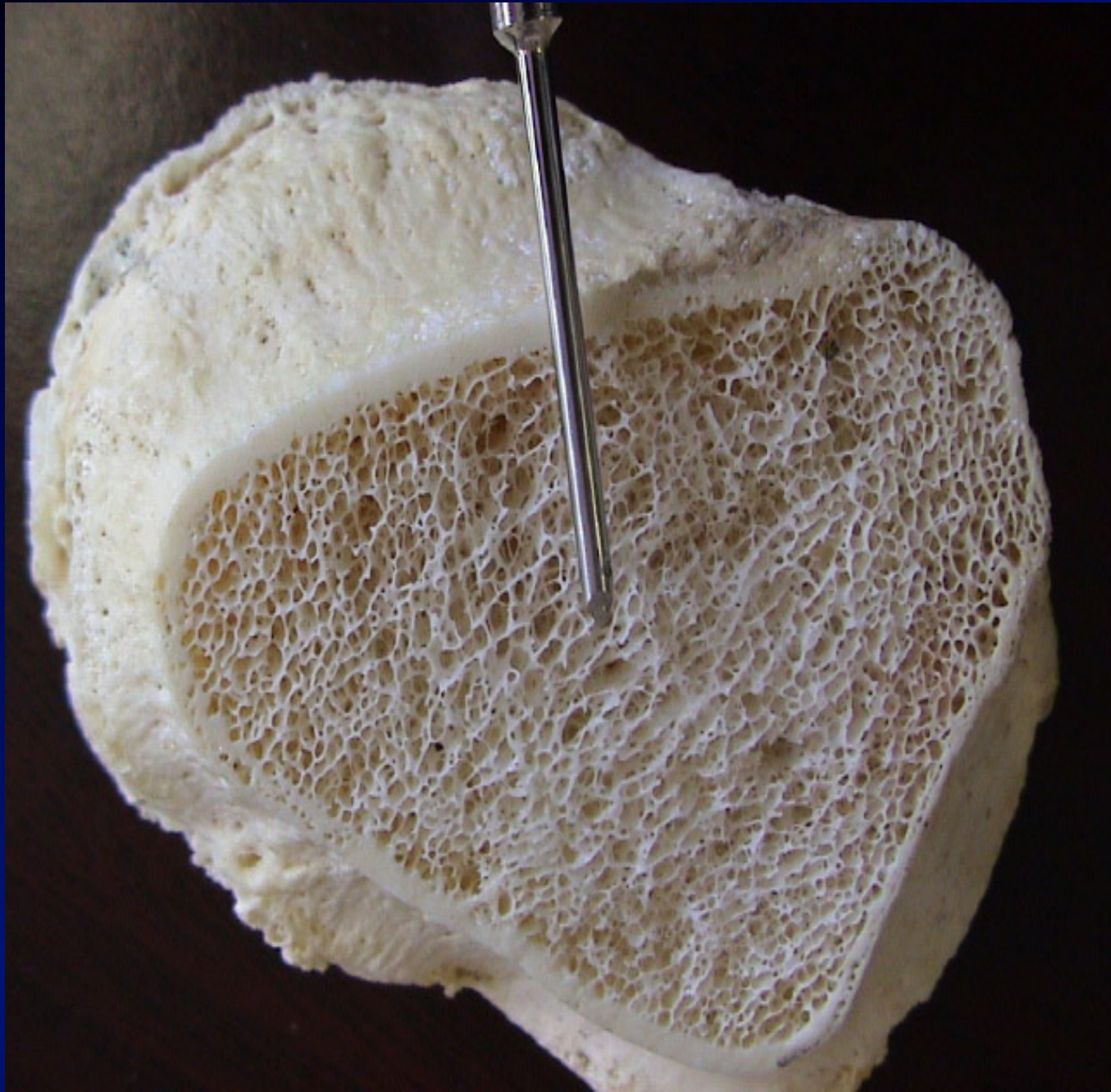
The Vidacare™ EZ-10



**VidaCare
Needle
Set**



**VidaCare
Driver**









Tibia 1.avi



Thoughts in closing...





**Medicine gives us
a seat on the highest peaks
of human existence...**



**We have but to open our eyes
and we will see it all...**



off the mark

by Mark Parisi

www.offthemark.com

ACK! I GUESS I OVERDID IT LAST NIGHT.
I HOPE I DIDN'T DO ANYTHING STUPID...
LIKE GET MY TONGUE PIERCED OR MY
ARM TATTOOED...



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Mark Parisi

*Thank you for your
kind attention...*

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