Instrument #: 2020-01144

Recording Fee: \$0.00 Transfer Tax: \$0 Dianna Longhenry, Recorder, Poweshiek County Iowa

<u>Prepared by and Return to: Melissa Eilander, Poweshiek County Auditor, PO Box 57, Montezuma, IA 50171</u> (641)623-5443

#### **CERTIFICATION**

Attached hereto are the following supporting documentation for the passage of Ordinance # 27 entitled "An Ordinance To Regulate Tanning Facilities in Poweshiek County, Iowa", by the Poweshiek County Board of Supervisors:

- 1. County Ordinance #27.
- 2. Resolution #2020-23 setting tanning facility inspection fees.
- 3. Proof of Publication of Public Notice for the first reading of Ordinance #27 published March 5, 2020 in The Record and in the Grinnell Herald and March 4, 2020 in Poweshiek CR.
- 4. Copy of Resolution #2020-17 approving first reading and setting date for second reading.
- 5. Proof of Publication of the Public Notice for the second reading of Ordinance #27 published March 23, 2020 in the Grinnell Herald and published March 26, 2020 in The Record.
- 6. Copy of Resolution #2020-19 approving second reading and waiving third reading and approving final adoption of ordinance.
- 7. Copy of Board of Supervisors Official Minutes of March 16, 2020 showing first approved reading of Ordinance #27 and setting second reading.
- 8. Copy of Board of Supervisors Official Minutes of March 30, 2020 showing second reading & waiver of third reading and showing final approval of Ordinance #27.

I, Melissa Eilander, Poweshiek County Auditor, do herby certify that the attached are originals or true copies of the above listed instruments.

Dated this 22 day of April 2020.  Melissa Eilander, Poweshiek County Auditor	
STATE OF IOWA ) ) SS: POWESHIEK COUNTY )	
Subscribed and sworn to before me, and in my this 22 day of April , 2020.  SUSAN C. GRAY COMMISSION NO. 223588 MY COMMISSION EXPIRES	Presence by Melissa Eilander, Poweshiek County Auditor,  Notary Public in and for the State of Jowa

#### ORDINANCE CERTIFICATE

#### STATE OF IOWA

# **COUNTY OF POWESHIEK**

I certify that Ordinance Number 27, of which a true copy is attached, was duly adopted by the Board of Supervisors of the County of Poweshiek, signed by the Chairperson and published as required by law and is in effect starting March 30, 2020. I further certify that the consideration(s) and votes taken for the enactment of said Ordinance were as follows:

1. First consideration - Date: March 16, 2020

Vote: In favor – 3; Opposed – 0; Absent or Abstain - 0

2. Second consideration - Date: March 30, 2020

Vote: In favor – 3; Opposed – 0; Absent or Abstain - 0

3. Third Consideration – Waived

Vote:

4. Publication Date: Grinnell Herald – March 5 & 23, 2020; The Record – March 5 & 26; Poweshiek CR – March 4

On March 30, 2020, the Board of Supervisors adopted a motion for the suspension of the rule requiring consideration at three meetings and voted the final adoption of the Ordinance. The vote for suspension of the rules was by a majority of the full Board of Supervisors, voting 3 in favor, 0 opposed and 0 absent, vacant, or abstaining and was duly recorded.

I further certify that each meeting for the consideration of the Ordinance was duly and publicly held, with notice of the meeting and tentative agenda naming the consideration of the Ordinance timely posted and upon reasonable advance notice to the media as required by Chapter 21 of the Code of Iowa and rules of the Council then governing.

I further certify that the individuals names therein were on the date thereof duly and lawfully possessed of their respective County Offices as indicated therein, that no Board vacancy existed except as may be stated in said proceedings, and that no controversy or litigation is pending, prayed or threatened involving the incorporation, organization, existence or boundaries of the County or the right of the individuals named therein as officers to their respective positions.

Witness my hand and the seal of Poweshiek County hereto affixed this 30<sup>th</sup> day of March, 2020.

# POWESHIEK COUNTY ORDINANCE NO. 27 AN ORDINANCE TO REGULATE TANNING FACILITIES IN POWESHIEK COUNTY, IOWA.

**BE IT ORDAINED** by the Board of Supervisors of Poweshiek County, Iowa, as follows:

# **SECTION 1: Purpose and scope**

- 1. This article provides for the permitting and regulation of tanning facilities and devices used for the purpose of tanning human skin through the application of ultraviolet radiation. This includes, but is not limited to, public and private businesses, hotels, motels, apartments, condominiums, and health and country clubs.
- 2. All references to Code of Federal Regulations (CFR) in this article are those in effect as of April 30, 2007.
- 3. These rules stipulate minimum safety requirements relating to the operation of tanning devices; procedures for obtaining a permit; qualifications for tanning facility operators; and procedures for health departments to provide for the inspection of tanning facilities and enforcement of these rules. Tanning facilities which are in compliance with these rules are not relieved from the requirements of any other federal and state regulations or local ordinances.
- 4. This article applies to tanning facilities within Poweshiek County.

#### **SECTION 2: Definitions**

- 1. "Board of health" means Poweshiek County Board of Health.
- 2. "Cleansing" means to remove soil, dirt, oils or other residues from the surface of the tanning unit, which may come into contact with the skin.
- 3. **"Cleansing agent"** means a substance capable of producing the effect of "cleansing." These agents shall not adversely affect the equipment or the health of the consumer and shall be acceptable to the department or board of health.
- 4. "Consumer" means any member of the public who is provided access to a tanning facility in exchange for a fee or other compensation, or any individual who, in exchange for a fee or other compensation, is afforded use of a tanning facility as a condition or benefit of membership or access.
- 5. "Department" means the Poweshiek County Board of Health
- 6. "Director" means the Director of Environmental Health overseeing the tanning program.
- 7. "Exposure position" means any position, distance, orientation, or location

- relative to the radiation surfaces of a tanning device at which the user is intended to be exposed to ultraviolet radiation from the product, as recommended by the manufacturer.
- 8. **"Formal training"** means a course of instruction approved by the department for operators of tanning facilities.
- 9. "Health care professional" means an individual, licensed by the state of lowa, who has received formal medical training in the use of phototherapy.
- 10. "Inspection" means an official examination or observation including but not limited to tests, surveys, and monitoring to determine compliance with rules, orders, requirements, and conditions of these rules.
- 11. "Manufacturer's recommendations" means written guidelines established by a manufacturer and approved by the U.S. Food and Drug Administration for the installation and operation of the manufacturer's equipment.
- 12. "Operator" means an individual designated to control operation of the tanning facility and to instruct and assist the consumer in the proper operation of the tanning devices.
- 13. "Permit" or "permit to operate" means a document issued by the department, which authorizes a person to operate a tanning facility in Poweshiek County, Iowa.
- 14. "Person" means any individual, corporation, partnership, firm, association, trust, estate, public or private institution, group, agency, political subdivision of this state, any other state or political subdivision or agency thereof, and any legal successor, representative, agent, or agency of the foregoing, but shall not include federal government agencies.
- 15. "Phototherapy device" means a piece of equipment that emits ultraviolet radiation and is used by a health care professional in the treatment of disease.
- 16. "Tanning device" means any equipment that emits electromagnetic radiation with wavelengths in air between 200 and 400 nanometers and that is used for tanning of human skin, such as sunlamps, tanning booths, or tanning beds. The terms also include any accompanying equipment such as protective eyewear, timers, and handrails.
- 17. "Tanning facility" means a place that provides access to tanning devices for compensation.
- 18. "Ultraviolet radiation" means electromagnetic radiation with wavelengths in air between 200 and 400 nanometers.

**SECTION 3: Exemptions** The department may, upon application or upon its own initiative, grant exemptions from the requirements of these rules as long as it will not result in undue hazard to public health and safety. The following categories of devices are exempt from the provisions of this article:

- 1. Other purposes. Devices intended for purposes other than the deliberate exposure of human skin to ultraviolet radiation, which produce or emit ultraviolet radiation incidental to their proper operation.
- 2. Personal use. Tanning devices, which are limited exclusively to personal use by an individual and this individual's immediate family. Multiple ownership of the device by persons for personal use only does not qualify it for the

- "personal use only" exemption.
- 3. Phototherapy devices. Phototherapy devices used by a properly trained health care professional in the treatment of disease.

# SECTION 4: Permits, inspections, and fees

- 1. Permit to operate: No tanning facility shall be operated in the County without having a permit to operate issued by the department.
- 2. Inspections: The department will inspect, at least annually, every tanning facility located in Poweshiek County with a permit to operate issued by the lowa Department of Public Health. Inspections shall include the following areas: proper operation and maintenance of devices, review of required records and training documentation, operator understanding and competency, and the requirements of this article. The department will conduct a special inspection, when warranted, upon receiving a complaint from the public.
- 3. Fees: The Poweshiek County Board of Supervisors will establish fees to be collected by the department for testing, inspections, evaluations, and other services necessary for carrying out the provisions of this article. Fees for inspections received within 30 days of the date of billing will be assessed a \$30 penalty for each month or fraction thereof that the bill is delinquent. A penalty fee of \$30 per facility/defect may be assessed for the following: Failure to respond to a notice of violation within 30 days of the date of the inspection. Failure to correct violations cited during the inspection.

# **SECTION 5: Operation of tanning facilities**

 Unless otherwise ordered or approved by the department, each tanning facility shall be constructed, operated, and maintained to meet the following minimum requirements:

A tanning facility shall provide and post the following warning signs and statements that describe the hazards associated with the use of tanning devices:

A warning sign in a conspicuous location readily visible to persons entering the establishment. This warning sign shall use 0.5-inch (12.7-millimeter) letters for "DANGER, ULTRAVIOLET RADIATION" and 0.25-inch (6.4-millimeter) letters for all other lettering. The sign shall use red lettering against a white background, be at least 9.0 inches by 12.0 inches (22.9 centimeters  $\times$  30.5 centimeters) and have the following wording:

#### DANGER, ULTRAVIOLET RADIATION

- Overexposure can cause
- Eye and skin injury
- Allergic reaction
- Repeated exposure may cause
- Premature aging of the skin
- Skin cancer
- Failure to wear protective eyewear may result in

- Severe burns to eyes
- Long-term injury to eyes
- Medication or cosmetics may increase your sensitivity
- 2. A warning sign with the identical wording set forth in 46.5(1)"a" posted within one meter of the tanning device in a conspicuous location readily visible to a person preparing to use the device. This warning sign shall use 0.5-inch (12.7-millimeter) letters for "DANGER, ULTRAVIOLET RADIATION" and 0.25-inch (6.4-millimeter) letters for all other lettering. The sign shall use red lettering against a white background and be at least 6 inches by 9 inches (15.2 centimeters × 22.9 centimeters) in size.
- 3. A tanning facility shall require each consumer to read and sign a statement that the information in Appendices A, B, and C has been read and understood prior to the consumer's initial exposure and annually thereafter.
- 4. The information in Appendices A, B, and C shall be posted in each tanning room.

## **SECTION 6: Federal certification**

Only tanning devices manufactured and certified under the provisions of 21 CFR Part 1040.20, "Sunlamp products and ultraviolet lamps intended for use in sunlamp products," shall be used in tanning facilities. Compliance shall be based on the standard in effect at the time of manufacture as shown on the device identification label required by 21 CFR Parts 1010.2 and 1010.3.

## SECTION 7: Labeling

Labeling shall meet the following requirements, be visible on each unit and be permanently affixed. Labeling shall include:

- 1. A warning statement with the words "DANGER-Ultraviolet radiation. Follow instructions. Avoid overexposure. As with natural sunlight, overexposure can cause eye and skin injury and allergic reactions. Repeated exposure may cause premature aging of the skin and skin cancer. WEAR PROTECTIVE EYEWEAR; FAILURE TO MAY RESULT IN SEVERE BURNS OR LONG-TERM INJURY TO THE EYES. Medications or cosmetics may increase your sensitivity to the ultraviolet radiation. Consult a physician before using a sunlamp if you are using medications or have a history of skin problems or believe yourself especially sensitive to sunlight. If you do not tan in the sun, you are unlikely to tan from the use of this product."
- 2. Recommended exposure position(s). Any exposure position may be expressed either in terms of a distance specified both in meters and in fees (or in inches) or through the use of markings or other means to indicate clearly the recommended exposure position.
- 3. Directions for achieving the recommended exposure position(s) and a warning that the use of other positions may result in overexposure.
- 4. A recommended exposure schedule including duration and spacing of sequential exposures and maximum exposure time(s) in minutes.
- 5. A statement of the time it may take before the expected results appear.

6. Designation of the ultraviolet lamp type to be used in the product.

# **SECTION 8: Timers and controls**

- Each tanning device shall have a timer, which complies with the requirements of 21 CFR Part 1040.20. The maximum timer interval shall not exceed the manufacturer's maximum recommended exposure time by a factor greater than ± 10 percent of the indicated setting.
- 2. Each tanning device must have a method of remote timing located so that consumers may not control their own exposure time.
- Tokens for token timers shall not be issued to any consumer in quantities greater than the device manufacturer's maximum recommended exposure time for the consumer.
- 4. Each tanning device shall incorporate a control on the product to enable the consumer to manually terminate the radiation emission from the product at any time without disconnecting the electrical source or removing the ultraviolet lamp.
- 5. The operator shall ensure that the facility's interior temperature does not exceed 100 degrees F or 38 degrees C.

#### **SECTION 9: Condition and maintenance**

- 1. Each tanning device shall be equipped to protect consumers from injury induced by falling against or breaking the lamps in a tanning device.
- 2. The operator shall maintain tanning devices in good repair and comply with all state and local electrical code requirements.
- 3. Additional requirements for stand-up booths.
  - *a.* There shall be physical barriers (e.g., handrails) or other means (floor markings) to indicate the proper exposure distance between ultraviolet lamps and the consumer's skin.
  - *b.* The construction of the booth shall be such that it will withstand the stress of use and the impact of a falling person.
  - c. Access to the booth shall be of rigid construction; doors shall open outwardly. Handrails and nonslip floors shall be provided.

# **SECTION 10: Protective eyewear**

- 1. Eyewear shall not be reused by another consumer.
- 2. Protective eyewear shall meet the requirements of 21 CFR Part 1040.20(c)(4).
- 3. Protective eyewear shall not be altered in any manner that would change its use as intended by the manufacturer (e.g., removal of straps).
- 4. A tanning facility operator shall not allow a consumer to use a tanning device if that consumer does not use the protective eyewear required by this sub rule. To verify that a consumer has the proper eyewear, the operator must: Ask to see the eyewear before the consumer enters the tanning room; or Provide disposable eyewear in the tanning room at all times and post a sign stating that the disposable eyewear is available and that eyewear must be worn.
- 5. A tanning facility operator shall instruct the consumer in the proper utilization of the protective eyewear required by this sub rule.

# SECTION 11: Operation, records, and documentation

- 1. A trained operator must be present when a tanning device is operated. The operator must be within hearing distance to allow the consumer to easily summon help if necessary. If the operator is not in the immediate vicinity during use, the following conditions must be met: The consumer can summon help through use of an audible device such as an intercom or buzzer and the operator or emergency personnel can reach the consumer within a reasonable amount of time after being summoned.
- 2. The facility's permit to operate shall be displayed in an open public area of the tanning facility.
- 3. A record shall be kept by the facility operator of each consumer's total number of tanning visits and tanning times, exposure lengths in minutes, times and dates of the exposure, and any injuries or illness resulting from the use of a tanning device.
- 4. Any tanning injury not requiring a physician's care and any resulting changes in tanning sessions shall be noted in the consumer's file. A written report of any tanning injury requiring a physician's care shall be forwarded by the permit holder to the department within five working days of its occurrence or knowledge thereof. The report shall include:
  - a. The name of the affected individual;
  - b. The name and location of the tanning facility involved;
  - c. The nature of the injury;
  - d. The name and address of the health care provider treating the affected individual, if any; and
  - e. Any other information considered relevant to the situation.
- 5. Defective or burned-out lamps or filters shall be replaced with a type intended for use in that device as specified on the product label on the tanning device or with lamps or filters that are "equivalent" under 21 CFR Part 1040, Section 1040.20, and policies applicable at the time of lamp manufacture.
- 6. The permit holder shall replace ultraviolet lamps and bulbs, which are not otherwise defective or damages, at such frequency or after such duration of use as may be recommended by the manufacturer of such lamps or bulbs.
- 7. Contact surfaces of tanning devices shall be:
  - a. Cleansed by the operator with a cleansing agent between each use;
  - b. Covered by a non-reusable protective material during each use; or
  - c. Cleansed by the consumer provided the following conditions are met:
    - i. The operator instructs the consumer annually on how to properly cleanse the unit;
    - ii. The consumer annually signs a statement stating that the consumer agrees to cleanse the unit after each use;
    - iii. Signs are posted in each tanning room reminding the consumer to cleanse the tanning unit after each use and stating the proper way to cleanse the unit, and;
    - iv. The operator cleanses the tanning unit at least once a day.
- 8. Any records or documentation required by this article must be maintained in the tanning facility for a minimum of two years. Records maintained on computer systems shall be regularly copies, at least monthly, and updated

- on a storage media other than the hard drive of the computer. An electronic record must be retrievable as a printed copy.
- 9. The operator shall limit the exposure of the consumer to the maximum exposure frequency and session duration recommended by the manufacturer.
- 10. When a tanning device is being used, no other person shall be allowed to remain in the tanning device area.
- 11. No person of facility shall advertise or promote tanning packages labeled as "unlimited" unless tanning frequency limits set by the manufacturer are included in advertisements.

# **SECTION 12: Training of operators**

 No individual shall begin functioning as an operator unless the individual has satisfactorily completed a training program. Training shall include but not be limited to:

The requirements of this article

- Procedures for correct operation of the tanning facility and tanning devices:
- The determination of skin type of consumers and appropriate determination of duration of exposure to tanning devices;
- Recognition of reaction or overexposure;
- Manufacturer's procedures for operation and maintenance of tanning devices;
- 2. Owners and managers must complete formal training approved by the department. All owners and managers trained after December 31, 1997, must satisfactorily pass a certification examination approved by the department before operating a tanning facility or training employees.
- 3. For operators trained after December 31, 1997. Owners and managers are responsible to train operators in the above topics and to provide review as necessary. Training programs shall be approved by the department and include final testing. Operators shall be questioned during inspections as to the level of their understanding and competency in operating the tanning device.
- 4. Proof of training for both owner/managers and employees must be maintained in the tanning facility and available for inspection. For operators trained after December 31, 1997, the employee record shall be the original test which bears the signature of the employee, the date, and a statement signifying that all answers have been completed by the employee and without prior knowledge of the scoring key.
- 5. Operators shall be at least 16 years of age.
- 6. Operators shall complete the required training and testing every five years.
- 7. A seventy percent score or greater is required to pass the examination. An individual who does not achieve a passing score may retake the examination on another day.

# **SECTION 13: Promotional materials**

A tanning facility shall not claim, or distribute promotional materials that claim, that using a tanning device is safe or free from risk or that the use of the device will result in medical or health benefits. The only claim that may be made is that

the device is for cosmetic use only.

# **SECTION 14: Requirements for electronically controlled facilities**

Electronically controlled facilities are those facilities that rely on electronic means to monitor consumers.

- 1. Entry into the facility is allowed by card only. Two individuals may not enter under the same card. The card is specifically activated for tanning use if the facility offers other activities.
- 2. Police and all emergency services will have access to the facility through a key box located outside the entrance of the facility.
- 3. The tanning unit will not activate if the card is not programmed for tanning. The card will not activate if two individuals are in the tanning room.
- 4. The consumer must sign a tanning agreement that states the number of minutes per session, that the consumer agrees to wear protective eyewear, that the consumer will cleanse the unit after tanning, and that the consumer is aware of the emergency access in each room.
- 5. The card will be programmed for the number of minutes the consumer is allowed to tan. The card may be reprogrammed for an increase in minutes per session only after the consumer has reviewed and re-signed the Tanning Agreement. After 30 consecutive days without the consumer's accessing the tanning facility, the card will be deactivated, and the consumer must reapply to access the tanning unit.
- 6. The operator will demonstrate to each consumer how to properly cleanse the unit after tanning, including the top, bottom, and handles. A sign will be placed in each room explaining the cleansing process. The operator will cleanse the units at least once a day when they are in use.
- 7. Free disposable eyewear will be placed in each room along with a sign stating that the disposable eyewear is available, and that eyewear must be worn.
- 8. An emergency call button or device will be placed in each tanning room conveniently located within reach of the tanning bed. This device will call the operator or emergency personnel.
- 9. During annual inspections, the inspector may ask any consumer about any of the above processes.

## **SECTION 15: Violations and injunctions**

- The Environmental Health Inspector shall have access at all reasonable times to any tanning facility to inspect the facility to determine if this article is being violated.
- 2. A person who operates or uses a tanning device or tanning facility in violation of this article or of any rule adopted pursuant to this article is guilty of a simple misdemeanor.
- 3. Penalties shall be as provided in Poweshiek County Code of Ordinances.
- 4. If the Department finds that a person has violated, or is violating or threatening to violate this article, and that the violation creates an immediate threat to the health and safety of the public, the department may petition the district court for a temporary restraining order to restrain the violation or threat of violation, or the department may petition the district

court for an injunction to prohibit the person from continuing the violation or threat of violation.

#### **SECTION 16: Enforcement**

- 1. The Environmental Health Inspector shall take the following steps when enforcement of these rules is necessary.
  - a. Cite each section of the Poweshiek County Ordinance or rules violated.
  - b. Specify the manner in which the owner or operator failed to comply.
  - c. Specify the steps required for correcting the violation.
  - d. Request a corrective action plan, including a time schedule for completion of the plan.
  - e. Set a reasonable time limit, not to exceed 30 days from the receipt of the notice, within which the permit holder must respond.
- 2. The Environmental Health Inspector shall review the corrective action plan and approve it or require that it be modified.
- 3. In cases where the permit holder fails to comply with conditions of the written notice, the Department shall send a regulatory letter, via certified mail, advising the permit holder that unless action is taken within five days of receipt, the case shall be turned over to the County attorney for court action.

# **SECTION 17: Appeals and hearings.**

- 1. In the event any person is aggrieved by an order of the Health Inspector, the person may administratively appeal in writing to the Health Director within 20 days of the date of such order. The appeal shall state the reasons for requesting such order to be rescinded or modified. The Health Administrator shall review the action of the Health Inspector and may order compliance with said order or may with cause, modify or withdraw said order.
- 2. In the event any person is aggrieved by any order of the Health Administrator, the person may appeal in writing to the Poweshiek County Board of Health within 30 days of the date of such order. The appeal shall state the reasons for requesting such order to be rescinded or modified. The Board of Health shall review the action of the Health Administrator. The Board of Health shall order compliance with said order or may, with cause, modify or withdraw said order. Any order of the Board of Health may be appealed within ten days to the district court.

**SECTION 18: Severability** If any section, provision or part of this ordinance shall be adjudged invalid or unconstitutional, such adjudication shall not affect the validity of the ordinance as a whole or any section, provision or part thereof not adjudged invalid or unconstitutional.

**SECTION 19: EFFECTIVE DATE.** This ordinance shall be in effect after its final passage, approval and publication as provided by law.

Passed and adopted this 30th day of March, 2020.

POWESHIEK COUNTY BOARD OF SUPERVISORS

Jason Roudabush, Chairman

Merle Doty, Vice Chairman

Diana Dawley, Member

Attest:

# Appendix A

#### POTENTIAL PHOTOSENSITIZING AGENTS

- 1. Not all individuals who use or take these agents will experience a photosensitive reaction or the same degree of photosensitive reaction. An individual who experiences a reaction on one occasion will not necessarily experience it again or every time.
- 2. Names of agents should be considered only as examples. They do not represent all the names under which a product may be sold. A more complete list is available from the facility operator.
- 3. If you are using an agent in any of these classes, you should reduce UV exposure even if your particular medication is not listed.
  - Acne treatment (Retinoic acid, Retin-A) Psoralens (5-Methoxypsoralen, 8-Methoxypsoralen, 4,5,8-trimethyl-psoralen)
  - Antibacterials (deodorant bar soaps, antiseptics, cosmetics, halogenated carbanilides, halogenated phenols, halogenated salicylanilides, bithionol, chlorhexidine, hexachlorophene)
  - Antibiotics, anti-infectives (Tetracyclines)
  - Anticonvulsants (carbamazepine, trimethadione, promethazine)
  - Antidepressants (amitriptyline, Desipramine, Imipramine, Nortiptyline, Protiptyline), Tranquilizers, anti-emetics (Phenothiazines)
  - Antidiabetics (glucose-lowering agents) (sulfonylureas, oral antidiabetics, hypoglycemics) Antihistamines (diphenhydramine, promethazine, triprolidine, chlorpheniramine)
  - Anti-inflammatory (Piroxicam), Non-steroidal anti-inflammatory drugs (Ibuprofen, Naproxen, Piroxicam)
  - Antimicrobials (griseofulvin), Sulfonamides ("Sulfa drugs," antimicrobials, anti-infectives)
  - Atropine-like drugs (anticholinergics, antiparkinsonism drugs, antispasmodics, synthetic muscle relaxants)
  - Coal tar and derivatives (Denorex, Tegrin, petroleum products used for psoriasis and chronic eczema and in shampoos)
  - Contraceptives, oral and estrogens (birth control pills, estrogens, progesterones)
  - Dyes (used in cosmetic ingredients, acridine, anthracene, cosin (lipstick), erythrosine, fluorescein, methyl violet, methylene blue, rose bengal)
  - Perfumes and toilet articles (musk ambrette, oil of bergamot, oil of cedar, oil of citron, oil of lavender, oil of lemon, oil of lime, oil of rosemary, oil of sandalwood)
  - Thiazide diuretics ("water pills")

# Appendix B

# SUN-REACTIVE SKIN TYPES USED IN CLINICAL PRACTICE

(a) Based in the first 45-60 minutes (= 2-3 minimum erythema dose) exposure of the summer sun (early June) at sea level

(b)

SKIN TYPE	SKIN REACTIONS TO SOLAR RADIATION (a) EXAMPLES	EXAMPLES
1	Always burns easily and severely (painful burn). Tans little or none and peels.	People most often with fair skin, blue eyes, freckles. Unexposed skin is white.
11	Usually burns easily and severely (painful burn). Tans minimally or lightly, also peels.	People most often with fair skin; red or blonde hair; blue, hazel or even brown eyes. Unexposed skin is white.
III	Burns moderately and tans about average.	Normal average Caucasoid. Unexposed skin is white.
IV	Burns minimally, tans easily, and above average with each exposure. Exhibits IPD (immediate pigment darkening) reaction.	People with white or light brown skin, dark skin, dark brown hair, dark eyes. Unexposed skin is brown.
V	Rarely burns, tans easily and substantially. Always exhibits IPD reaction.	Unexposed skin is brown.
VI	Never burns and tans profusely; exhibits IPD reaction.	Unexposed skin is black.

# **Appendix C**

# POTENTIAL NEGATIVE HEALTH EFFECTS RELATED TO ULTRAVIOLET EXPOSURE

- 1. Increased risk of skin cancer later in life.
- 2. Increased risk of skin thickening, age spots, irregular pigmentation, and premature aging.
- 3. Possibility of burning or rash, especially if using any of the potential photosensitizing drugs and agents. The consumer should consult a physician before using a tanning device if using medications, if there is a history of skin problems or if the consumer is especially sensitive to sunlight.
- 4. Increased risk of eye damage unless proper eyewear is worn. Iowa law requires the use of proper eyewear during tanning sessions.

#### **TANNING SYSTEMS**

- 1. Low-pressure tanning systems use a higher percentage of UVB rays which penetrate only the upper layer of skin and can cause burning more easily than high-pressure tanning systems. Low-pressure systems require more frequent sessions to maintain a tan. High-intensity tanning systems use more lamps and shorter tanning sessions than low-intensity tanning systems. These are still classified as low-pressure systems.
- 2. High-pressure tanning systems use a higher percentage of UVA rays which penetrate more deeply and can permanently damage the lower layers of skin and increase the incidences of skin cancers. High-pressure systems require fewer and less frequent sessions to maintain a tan.
- 3. The exposure schedule for each specific unit is shown on the labeling on the tanning unit. Iowa law requires the operator to limit the exposure of each consumer to the exposure schedule shown on the unit in which the consumer is tanning.

# STATE OF IOWA

**COUNTY OF POWESHIEK** 

SS:

I, the undersigned, County Auditor of Poweshiek County, in the State of Iowa, do herby certify that on the 30 day of March 2020, a copy of an ordinance was filed in my office, shown to have been adopted by the Board of Supervisors and approved by the Chairperson thereof on March 30, 2020, entitled: "Ordinance No. 27. An Ordinance to regulate tanning facilities in Poweshiek County, Iowa", and that I have duly placed a copy of the ordinance on file in my records.

WITNESS MY HAND this 30 day of March , 2020.

#### STATE OF IOWA

# COUNTY OF POWESHIEK

SS:

I, the undersigned, County Auditor of Poweshiek County, do hereby certify that I caused to be published a summary of "Ordinance No. 27. An Ordinance to regulate tanning facilities in Poweshiek County, Iowa", of which the printed slip attached to the publisher's original affidavit hereto attached is a true and complete copy, on the date and in the newspaper specified in such affidavit, and that such newspaper has a general circulation in said county, published as follows:

The Record

March 5 & 26, 2020

Grinnell Herald

March 5 & 23, 2020

Poweshiek CR

March 4, 2020

WITNESS MY HAND this 30 day of March, 2020.

# STATE OF IOWA

**COUNTY OF POWESHIEK** 

SS:

I, the undersigned, County Auditor of Poweshiek County, do herby certify that the attached is a true, correct and complete copy of all the records of the Board of Supervisors of Poweshiek County relating to the adoption of an ordinance entitled Ordinance #27. An Ordinance to regulate tanning facilities in Poweshiek County, Iowa.

WITNESS MY HAND this 30 day of March\_\_\_\_\_, 2020.