

(c) A thin carcass showing only slight lesions in the skeletal lymph nodes and in the viscera may be passed for human food without restriction.

(d) A well-nourished carcass showing well-marked lesions in the viscera and with only slight lesions elsewhere or showing well-marked lesions confined to the skeletal lymph nodes with only slight lesions elsewhere may be passed for human food without restriction.

(e) A well-nourished carcass showing well-marked lesions in the viscera and the skeletal lymph nodes may be passed for cooking; but where the lesions in a well-nourished carcass are both numerous and extensive, it shall be condemned.

(f) All affected organs and nodes of carcasses passed for human food without restriction or passed for cooking shall be removed and condemned.

(g) As used in this section, the term "thin" does not apply to a carcass which is anemic or emaciated; and the term "lesions" refers to lesions of caseous lymphadenitis.

#### § 311.19 Icterus.

Carcasses showing any degree of icterus shall be condemned. Yellow fat conditions caused by nutritional factors or characteristic of certain breeds of livestock and yellow fat sometimes seen in sheep shall not be confused with icterus. Such carcasses should be passed for human food, if otherwise normal.

#### § 311.20 Sexual odor of swine.

(a) Carcasses of swine which give off a pronounced sexual odor shall be condemned.

(b) The meat of swine carcasses which give off a sexual odor less than pronounced may be passed for use in comminuted cooked meat food product or for rendering. Otherwise it shall be condemned.

#### § 311.21 Mange or scab.

Carcasses of livestock affected with mange or scab in advanced stages, showing cachexia or extensive inflammation of the flesh, shall be condemned. When the disease is slight, the carcass may be passed after removal of the affected portion.

#### § 311.22 Hogs affected with urticaria, tinea tonsurans, demodex folliculorum, or erythema.

Carcasses of hogs affected with urticaria (nettle rash), tinea tonsurans, demodex folliculorum, or erythema may be passed for human food after detaching and condemning the affected skin, if the carcass is otherwise not adulterated.

#### § 311.23 Tapeworm cysts (cysticercus bovis) in cattle.

(a) Except as provided in paragraph (b) of this section, carcasses of cattle affected with lesions of cysticercus bovis shall be disposed of as follows:

(1) Carcasses of cattle displaying lesions of cysticercus bovis shall be condemned if the infestation is extensive or if the musculature is edematous or discolored. Carcasses shall be considered extensively infested if in addition to finding lesions in at least two of the usual inspection sites, namely the heart, diaphragm and its pillars, muscles of mastication, esophagus, tongue, and musculature exposed during normal dressing operations, they are found in at least two of the sites exposed by (i) an incision made into each round exposing the musculature in cross section, and (ii) a transverse incision into each forelimb commencing 2 or 3 inches above the point of the olecranon and extending to the humerus.

(2) Carcasses of cattle showing one or more tapeworm lesions of cysticercus bovis but not so extensive as indicated in paragraph (a)(1) of this section, as determined by a careful examination, including examination of, but not limited to, the heart, diaphragm and its pillars, muscles of mastication, esophagus, tongue, and musculature exposed during normal dressing operations, may be passed for human food after removal and condemnation of the lesions with surrounding tissues: *Provided*, That the carcasses, appropriately identified by retained tags, are held in cold storage under positive control of a USDA Food Inspector at a temperature not higher than 15 °F. continuously for a period of not less than 10 days, or in the case of boned meat derived from such carcasses, the meat, when in boxes, tierces, or other containers, appropriately identified by retained tags,

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is held under positive control of a Program Inspector at a temperature of not higher than 15 °F. continuously for a period of not less than 20 days. As an alternative to retention in cold storage as provided in this subparagraph, such carcasses and meat may be heated throughout to a temperature of at least 140 °F. under positive control of a Program Inspector.

(b) Edible viscera and offal shall be disposed of in the same manner as the rest of the carcass from which they were derived unless any lesion of *Cysticercus bovis* is found in these by-products, in which case they shall be condemned.

[36 FR 4591, Mar. 10, 1971]

#### §311.24 Hogs affected with tapeworm cysts.

Carcasses of hogs affected with tapeworm cysts (*Cysticercus cellulosae*) may be passed for cooking, unless the infestation is excessive, in which case the carcass shall be condemned.

#### §311.25 Parasites not transmissible to man; tapeworm cysts in sheep; hydatid cysts; flukes; gid bladder-worms.

(a) In the disposal of carcasses, edible organs, and other parts of carcasses showing evidence of infestation with parasites not transmissible to man, the following general rules shall govern except as otherwise provided in this section: If the lesions are localized in such manner and are of such character that the parasites and the lesions caused by them can be completely removed, the nonaffected portion of the carcass, organ, or other part of the carcass may be passed for human food after the removal and condemnation of the affected portions. If an organ or other part of a carcass shows numerous lesions caused by parasites, or if the character of the infestation is such that complete extirpation of the parasitic infestation or invasion renders the part in any way unfit for human food, the affected part shall be condemned. If parasites are found to be distributed in a carcass in such a manner or to be of such character that their removal and the removal of the lesions caused by them is impracticable, no part of the carcass shall be

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passed for human food. If the infestation is excessive, the carcass shall be condemned. If the infestation is moderate, the carcass may be passed for cooking, but in case such carcass is not cooked as required by part 315 of this subchapter, it shall be condemned.

(b) In the case of sheep carcasses affected with tapeworm cysts (*Cysticercus ovis*, so-called sheep measles, not transmissible to man), such carcasses may be passed for human food after the removal and condemnation of the affected portions: *Provided, however*, That if, upon the final inspection of sheep carcasses retained on account of measles, the total number of cysts found embedded in muscular tissue, or in immediate relation with muscular tissue, excluding the heart, exceeds five, the entire carcass shall be condemned, or such carcass shall be heated throughout to a temperature of at least 140 °F. After removal and condemnation of all affected portions.

(c) Carcasses found infested with gid bladder-worms (*Coenurus cerebralis*, *Multiceps multiceps*) may be passed for human food after condemnation of the affected organ (brain or spinal cord).

(d) Organs or other parts of carcasses infested with hydatid cysts (*Echinococcus*) shall be condemned.

(e) Livers infested with flukes or fringed tapeworms shall be condemned.

#### §311.26 Emaciation.

Carcasses of livestock too emaciated to produce wholesome meat, and carcasses which show a serous infiltration of muscle tissues, or a serous or mucoid degeneration of the fatty tissue, shall be condemned. A gelatinous change of the fat of the heart and kidneys of well-nourished carcasses and mere leanness shall not be classed as emaciation.

[35 FR 15569, Oct. 3, 1970; 36 FR 11903, June 23, 1971]

#### §311.27 Injured animals slaughtered at unusual hours.

When it is necessary for humane reasons to slaughter an injured animal at night or on Sunday or a holiday when the inspector cannot be obtained, the carcass and all parts of all livestock except for cattle shall be kept for inspection, with the head and all viscera