# Welfare Observations IMPC_WEL_001

## Purpose

The Welfare observations procedure is used for the recording of welfare issues as and when they occur. Observations are submitted using controlled vocabulary with optional submission of images and free-text comments to document the issues.

## Notes

Alive - Animal is alive at observation and will continue on the phenotyping pipeline with subsequent submission to Welfare protocol possible.

Found dead - Animal is discovered dead.

Withdrawn: Individual Health Concern - The appearance and / or behaviour displayed by the animal requires removal of the animal from the standard phenotyping pipeline.

Withdrawn: Line Level Health Concern - The appearance and / or behaviour displayed by the animal itself do not require removel from the standard pipeline but animals with the same genotype have welfare issues resulting in withdrawal of the whole line.

Withdrawn: Environmental Health Concern - Environmental causes which are expected to affect the welfare of the animal. Including husbandry issues, facility issues and single housing due to withdrawal of cage-mates

Withdrawn: Spare - Animal withdrawn due to required number of animals having reached phenotyping.

Withdrawn: Control - Baseline animal withdrawn as a control for mutant animal(s) being withdrawn due to welfare concerns.

Withdrawn statuses should be submitted when the animal is moved from a standard phenotyping pipeline (Early Adult, Interval or Late Adult) to the Alternative pipeline.

## Parameters and Metadata

### Welfare terms IMPC_WEL_001_001 | v1.0

ontologyParameter

**Req. Analysis:** false **Req. Upload:** true **Is Annotated:** false

**Ontology Options:** Bleeding anus, Diarrhoea, Lesions on/around anus,

Mucoid anal discharge, Anal prolapse, Soreness of anus, Abdomen greasy coat,

Abdomen hair loss, Abdomen swelling under skin, Abdomen wound,

Abdomen wound closed-contusion, Abdomen wound open-abrasion,

Abdomen wound open-avulsion, Abdomen wound open-incision,

Abdomen wound open-laceration, Abdomen wound open-puncture, Distended abdomen,

Abdomen oedema, Deformed penis, Phimosis (protruding penis), Sore penis, Swollen penis,

Testicular swelling under skin, Urogenital bleeding, Urogenital discharge, Indeterminate sex,

Urogenital swelling under skin, Urogenital wound, Urogenital wound closed-contusion,

Urogenital wound open-abrasion, Urogenital wound open-avulsion,

Urogenital wound open-incision, Urogenital wound open-laceration,

Urogenital wound open-puncture, Deformed vagina, Intact vaginal septum, Sore vagina,

Swollen vagina, Vaginal prolapse, Greasy coat throughout, Coat piloerect,

Generalised hair loss, Multiple swellings under skin, Skin tenting, Skin ulcers,

Wounds all over, Wounds all over closed-contusion, Wounds all over open-abrasion,

Wounds all over open-avulsion, Wounds all over open-incision,

Wounds all over open-laceration, Wounds all over open-puncture, Hunched,

Longer body length, Obese, Oedema, Shorter body length, Thin, Weight loss, Weight gain,

Aggressive, Barbering, Non-responsive, Sexual aggression, Abnormal gait,

abnormal head movements, Circling, Excessive vocalisation, Seizure like behaviour,

Hyperactive, Inactive, Immobile, unresponsive to touch, Reduced movement, Moribund,

Over grooming, Paralysis, Pruritus (itching causing scratching), Repetitious behaviour, Tremors, Uncoordinated movements, Bleeding during parturition, Delayed Labour, Dystocia, Stuck Pup, Aborting, Bleeding during pregnancy, Premature Birth, Cannibalism of pups, Mastitis, Partial Litter Loss, Runting, Scattered pups, Total Litter Loss, Absent ear, Bleeding ear, Deformed ear, Abnormal ear location, Abnormal ear shape, Large ears, Small ears, Ear discharge, Ear wound, Ear wound closed-contusion, Ear wound open-abrasion, Ear wound open-avulsion, Ear wound open-incision, Ear wound open-laceration, Ear wound open-puncture, Anophthalmia, Bleeding eye, Closed eye, Damaged eye, Deformed eye, Abnormal eye location, Abnormal eye shape, Macro-opthalmia, Micro-opthalmia, Eye discharge, Eye mass, Eye opacity, Swollen eye, Deformed vibrissae, Missing vibrissae, Short vibrissae, Head tilt, Malformed head, Domed head, Cleft lip, Malformed jaw, Malformed teeth, Abnormal tooth shape, Abnormal tooth colour, Malocclusion, Missing teeth, Pale gums, Pale lips, Mouth swelling under skin, Bleeding nose, Nose discharge, Shortened nose, Nose wound, Nose wound closed-contusion, Nose wound open-abrasion, Nose wound open-avulsion, Nose wound open-incision, Nose wound open-laceration, Nose wound open-puncture, Head or neck greasy coat, Head or neck hair loss, Head or neck piloerection, Head or neck swelling under skin, Head or neck wound, Head or neck wound closed-contusion, Head or neck wound open-abrasion, Head or neck wound open-avulsion, Head or neck wound open-incision, Head or neck wound open-laceration, Head or neck wound open-puncture, Deformed limb,

Limb discolouration, Black limb, Blue (cyanotic) limb, Pale limb, Reddened limb,

Yellow limb (jaundiced), Lameness, Missing limb, Limb paralysis, Limb wound,

Limb wound closed-contusion, Limb wound open-abrasion, Limb wound open-avulsion,

Limb wound open-incision, Limb wound open-laceration, Limb wound open-puncture,

Cold paw, Deformed paw, Brachydactyly, Macrodactyly, Oligodactyly, Polydactyly,

Syndactyly, Nail absence, Paw wound, Paw wound closed-contusion,

Paw wound open-abrasion, Paw wound open-avulsion, Paw wound open-incision,

Paw wound open-laceration, Paw wound open-puncture, Cold tail, Constricted tail skin,

Deformed tail, Curled tail, Kinked tail, Longer tail, Missing tail, Shorter tail, Greasy tail,

Tail swelling under skin, Tail wound, Tail wound closed-contusion, Tail wound open-abrasion,

Tail wound open-avulsion, Tail wound open-incision, Tail wound open-laceration,

Tail wound open-puncture, Thorax greasy coat, Thorax hair loss, Thorax swelling under skin,

Thorax wound, Thorax wound closed-contusion, Thorax wound open-abrasion,

Thorax wound open-avulsion, Thorax wound open-incision, Thorax wound open-laceration,

Thorax wound open-puncture, Gasping, Laboured breathing, Rapid breathing,

Slow breathing, Absent teat, Bleeding teat, Deformed teat, Teat discharge,

Teat swelling under skin, Teat wound, Teat wound closed-contusion,

Teat wound open-abrasion, Teat wound open-avulsion, Teat wound open-incision,

Teat wound open-laceration, Teat wound open-puncture, No welfare issues observed,

## Free-text comments IMPC_WEL_002_001 | v1.0

simpleParameter

**Req. Analysis:** false **Req. Upload:** false **Is Annotated:** false

---

## Images IMPC_WEL_003_001 | v1.0

seriesMediaParameter

**Req. Analysis:** false **Req. Upload:** false **Is Annotated:** false

---

## Date of observation IMPC_WEL_004_001 | v1.0

procedureMetadata

**Req. Analysis:** false **Req. Upload:** true **Is Annotated:** false

---

## Animal Status IMPC_WEL_005_001 | v1.0

simpleParameter

**Req. Analysis:** false **Req. Upload:** true **Is Annotated:** false

**Options:** Alive, Found Dead, Withdrawn: Individual Health Concern, Withdrawn: Line Level Health Concern, Withdrawn: Environmental Health Concern, Withdrawn: Spare, Withdrawn: Control,

---