

1. PATIENT IDENTIFICATION

**CANCER STAGING FORM
(UNIVERSAL)
COMPARATIVE ONCOLOGY UNIT
ANIMAL CANCER
TREATMENT PROGRAM
DEPARTMENT OF SMALL ANIMAL
MEDICINE AND SURGERY
COLLEGE OF
VETERINARY MEDICINE
UNIVERSITY OF MISSOURI
COLUMBIA, MO 65211
(314) 882-7821**

STAGING SUMMARY

Clinician: _____
 Staged By: _____
 Staging Date: ____/____/____
 First Admission Examination
 Post-therapy/Discharge Exam
 Recheck Examination
 Months Since First Stage: _____
 Histopathology: _____
 Today's T ____ N ____ M ____
 Clinical Stage _____

INSTRUCTIONS

1. Imprint or write PATIENT IDENTIFICATION.
2. Complete STAGING SUMMARY at top right.
3. Indicate months from first exam (see original staging form).
4. Measure/locate PRIMARY tumor, record results. Check (✓) appropriate adjectives which describe tumor. TNM categories common to all tumor types are listed in sections 4,5,&6. Additional categories related to specific individual tumor types are found under appropriate anatomical headings.
5. Examine and locate local/regional LYMPH NODE(s) examined, and Check (✓) appropriate adjectives which describe nodes.
6. Check (✓) location of distant METASTASIS(es).
7. Check (✓) DIAGNOSTIC METHODS used or planned.
8. Check (✓) appropriate PERFORMANCE STATUS.
9. Check (✓) appropriate THERAPEUTIC RESPONSE (re-examinations)
10. Find and complete appropriate STAGING CLASSIFICATION
11. DIAGRAM location of tumor if schematic is available
12. * or OTHER information should be written under COMMENTS.

7. HEMATOLOGY

- CBC
- Buffy Coat
- Bone marrow
- Reticulocytes
- Coagulogram
- Platelet count
- Other*

7. BIOCHEMISTRY

- Biochemistry
- Glucose
- Calcium
- Fecal Occult Blood
- Electrophoresis
- Serum
- Urine
- Other*

7. IMAGING

- Primary Tumor
- Thoracic Survey
- Abdominal Survey
- Bone Survey
- Scintigraphy
- CT Scan
- Echo/Ultrasound
- Other:*

7. SEROLOGY

- FIV
- FeLV
- *Other

Scan of: *
Isotope used: *

7. PRIMARY TUMOR DIAGNOSED BY: METASTATIC SITE(S) DIAGNOSED BY

- | | |
|--|---|
| <input type="checkbox"/> Cytology | <input type="checkbox"/> Clinical |
| <input type="checkbox"/> Invasive Biopsy | <input type="checkbox"/> Radiography |
| <input type="checkbox"/> Excisional Biopsy | <input type="checkbox"/> Histopathology |
| * Other | * Other |

4. PRIMARY TUMOR

- T0 No Tumor found
- Tis Preinvasive CA *in situ*
- T_m Multiple tumors (n) _____

Size (mm): _____ x _____ x _____

Location: _____

- Movable
- Encapsulated
- Ulcerated
- Infiltrative
- Fixed/skin
- Fixed/fascia

5. REGIONAL LYMPH NODES (RLN)

- N0 No evidence of tumor found
- NR RLN removed previously
- N1 Movable ipsilateral
- N2 Movable contra- or bilat
- N3 Fixed Nodes
- a) No tumor cells found
- b) Tumor cells found
- Cytology or Biopsy

6. DISTANT METASTASIS:

- M0 None found
- M1 Distant mets found in:
- Lung, Brain, Liver,
- Marrow, Peritoneum,
- Bone, Kidney, Heart,
- Skin/SQ, Pleura, Other*

8. PERFORMANCE STATUS

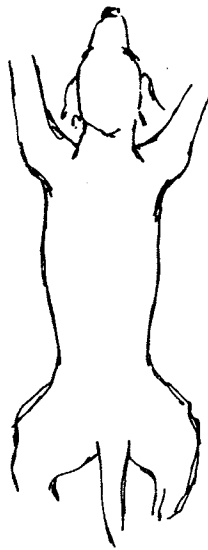
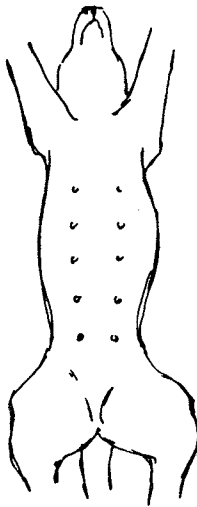
- "0" Normal: able to perform at predisease level
- "1" Restricted: decreased activity, but able to perform and function acceptably as a pet
- "2" Compromised: ambulatory only to the point of eating, sleeping and consistently defecating and urinating in acceptable areas
- "3" Disabled: Must be force fed; unable to confine eliminations to acceptable areas.
- "4" Dead: Dead

9. RESPONSE - (COMPARE TO 1ST ADMISSION OR POST-THERAPY STAGE)

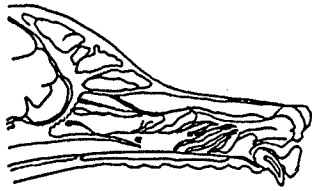
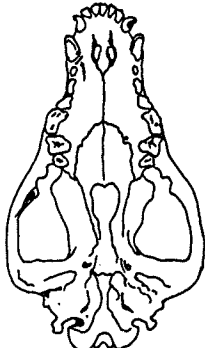

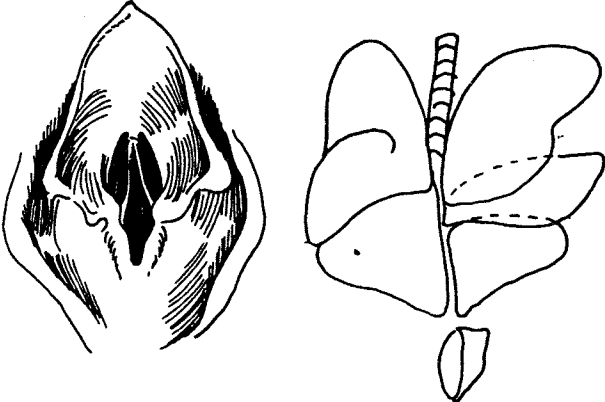
- CR (Complete response): Disappearance of all clinical evidence of cancer.
- PR (Partial response): greater than or equal to 50% reduction (sum of products of 3 diameters).
- SD (Stable Disease): Reduction less than 50%; no new lesions or worsening signs.
- PD (Progressive Disease): greater than or equal to 25% inc. size of primary or new lesion.
- R (relapse) new lesions seen after CR, PR.

***COMMENTS**

MAMMARY, SKIN, MAST CELL

<p>MAMMARY CANINE & [FELINE] Indicating largest diameter [cm] in each: 1 2 3 4 5 Rt. chain () () () () () Lt. chain () () () () ()</p> <hr style="border-top: 1px dashed black;"/> <p>T0 None found T1 3cm [1cm] T2 3-5cm [1-3cm] T3 5cm [3cm] T4 Inflammatory carcinoma a) not fixed to skin b) fixed to skin c) fixed to muscle</p> <hr style="border-top: 1px dashed black;"/> <p>N1 Ipsilat- inguinal axillary N1a not fixed () () N1b fixed () () N2 bilateral N2a not fixed () () N2b fixed () () (-) histologically negative (+) histologically positive</p>	<p>Dorsal View</p> 	<p>Ventral View</p> 	<p>Mammary - Stage Grouping</p> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 15%;">I - T1a-c,</td> <td style="width: 35%;">N0,1-2a(-)</td> <td style="width: 50%;">M0</td> </tr> <tr> <td>II - T0,1a-c,</td> <td>N1(+)</td> <td>M0</td> </tr> <tr> <td></td> <td>T2a-c</td> <td>N0(+),1a(+)</td> </tr> <tr> <td>III - Any T3</td> <td>Any N</td> <td>M0</td> </tr> <tr> <td></td> <td>Any T</td> <td>Any Nb</td> </tr> <tr> <td>IV - Any T</td> <td>Any N</td> <td>M1</td> </tr> </table> <p>EPIDERMAL/DERMAL T1 2cm superficial/exophytic T2 2-5cm minimum invasion T3 5cm or invading subcutis T4 Invading fascia, bone etc.</p> <p>MAST CELL TUMOR I - Solitary dermal tumor II - Solitary dermal tumor & LN III - Multiple dermal tumors IV - Any tumor & distant metastasis(es) a) - no systemic signs present b) - systemic signs present</p>	I - T1a-c,	N0,1-2a(-)	M0	II - T0,1a-c,	N1(+)	M0		T2a-c	N0(+),1a(+)	III - Any T3	Any N	M0		Any T	Any Nb	IV - Any T	Any N	M1
I - T1a-c,	N0,1-2a(-)	M0																			
II - T0,1a-c,	N1(+)	M0																			
	T2a-c	N0(+),1a(+)																			
III - Any T3	Any N	M0																			
	Any T	Any Nb																			
IV - Any T	Any N	M1																			

HEAD, NECK & RESPIRATORY

<p>NASAL T1 Ipsilateral with minimum or no bone involvement T2 Bilateral or bone involved T3 Invading adjacent tissue</p> 	<p>Nasal</p> 	<p>Lips and Oropharynx</p> 	<p>CANINE & FELINE LIPS T1 2cm superficial/exophytic T2 2cm minimum invasion T3 2cm or invading T4 Invading bone</p> <hr style="border-top: 1px solid black;"/> <p>ORAL/BUCCAL CAVITY T1 2cm T2 2-4cm minimum invasion T3 4cm a) no bone invasion b) bone invasion</p> <p>Stage Grouping Oral/Buccal</p> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 15%;">I - T1,</td> <td style="width: 35%;">N0,1-2a,</td> <td style="width: 50%;">M0</td> </tr> <tr> <td>II - T2,</td> <td>N0,1-2a,</td> <td>M0</td> </tr> </table> <p>III - T3*, N0,1-2a, M0 Any T, N1b, M0 IV - Any T, Any N2b,3 M0 Any T, Any N, M1</p> <p>* Any bone involvement</p> <hr style="border-top: 1px solid black;"/> <p>OROPHARYNX (TONSIL) T1 Superficial/exophytic T2 Invasion tonsil only T3 Invading surrounding tissue</p>	I - T1,	N0,1-2a,	M0	II - T2,	N0,1-2a,	M0
I - T1,	N0,1-2a,	M0							
II - T2,	N0,1-2a,	M0							
<p>TRACHEA & LUNG TX Malig. Cells, Unseen Tumor T1 Surrounded by normal lung T2 Multiple, any size T3 Invading adjacent tissue</p> <hr style="border-top: 1px dashed black;"/> <p>N1 RLN involved (bronchial) N2 Distant LN involved</p>	<p>Larynx, Trachea, Lung</p> 								

LYMPHOID, HEMOPOIETIC, AND ENDOCRINE

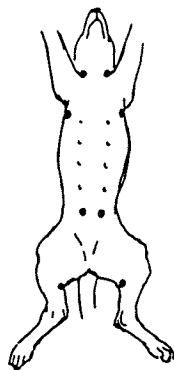
LYMPHOID & HEMOPOIETIC

Anatomic Type:

- A. Generalized
- B. Alimentary
- C. Thymic
- D. Skin
- E. Leukemia (blood/marrow)
- F. Other: _____

Stage Grouping

- I - Single node or organ
- II - L.N. confined either side diaphragm
- III - Generalized nodes
- IV - Liver a/o spleen ± III
- V - Blood/Marrow ± I - IV
 - a) - without systemic signs
 - b) - with systemic signs



THYROID

- T1 less than 2cm
- T2 2-5cm
- T3 greater than 5cm
 - a) not fixed
 - b) fixed

- N1a Involved ipsilat not fixed
- N1b Involved ipsilat fixed
- N2a Involved bilat not fixed
- N2b Involved bilat fixed

Stage Grouping - Thyroid

- I - T1a,b, N0-2a(-), M0
- II - T0-1a,b, N1(+), M0
 - T2a,b, N0-1a(+), M0
- III - Any T3, Any N, M0
 - Any T, Any Nb
- IV - Any T, Any N, M1

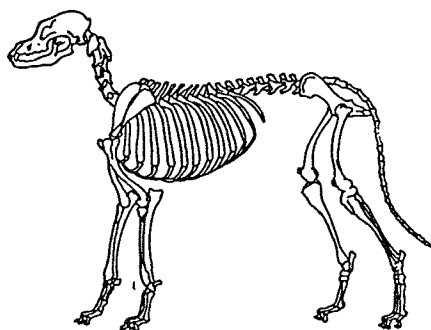
BONES & JOINTS

BONE

- T1 Within medulla and cortex
- T2 Extends beyond periosteum

JOINTS, TENDONS, SHEATHS

- T1 Well-defined, no invasion
- T2 Tumor invading soft tissue
- T3 Invading bone or joint



ADRENAL

- T1 Well-defined, no invasion
 - T2 Tumor invading adjacent
 - T3 Invading blood vessels
-
- N1 RLN involved

ALIMENTARY, LIVER, PANCREAS

ESOPHAGUS

- T1 Esophagus only
- T2 Invading surrounding tissue
 - a) cranial half
 - b) caudal half

-
- N1 RLN involved

STOMACH

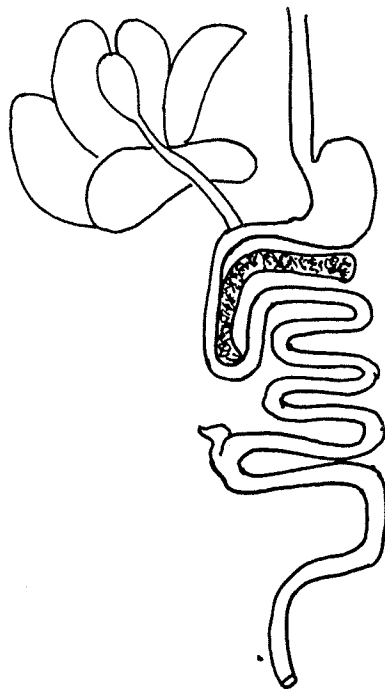
- T2 Not invading serosa
- T3 Invading serosa
- T4 Invading surrounding tissue

-
- N1 RLN involved
 - N2 Distant LN involved

INTESTINES

- T1 Not invading serosa
- T2 Invading serosa
- T3 Invading surrounding tissue

-
- N1 RLN involved
 - N2 Distant LN involved



PANCREAS

- T1 Site: _____
-
- N1 RLN involved
 - N2 Distant LN involved
-

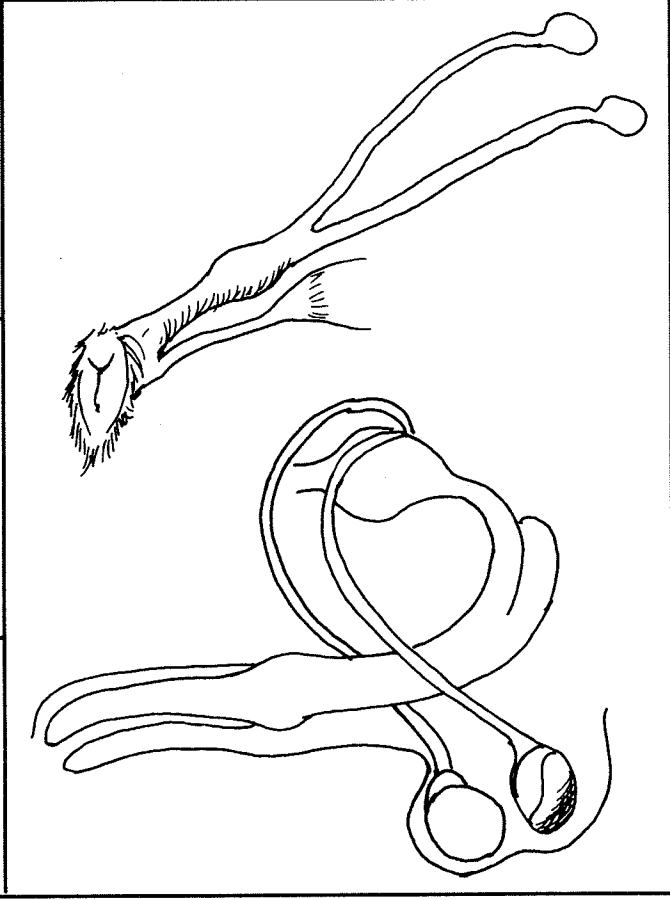
- M1a Peritoneal metastasis
- M1b Distant metastasis

LIVER

- T1 Tumor involving 1 lobe
 - T2 Tumor involving 1 lobe
 - T3 Tumor invading adj. structures
-
- N1 RLN involved (hep. & diaph.)
 - N2 Distant LN involved

GENITAL SYSTEM

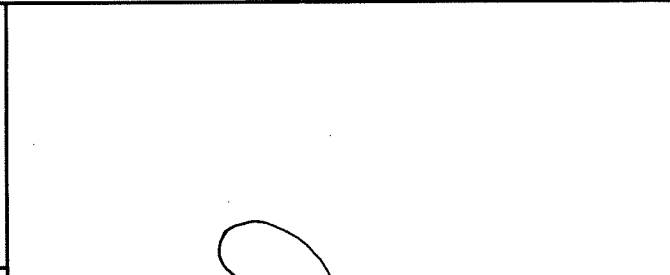
<p>OVARY T1 Limited to 1 ovary T2 Limited to both ovaries T3 Invading ovarian bursa T4 Invading surrounding tissue</p> <p>-----</p> <p>N1 RLN involved</p> <p>-----</p> <p>M1a Peritoneal metastasis M1b Distant metastasis(es) M1c Peritoneal & distant metastasis(es)</p>
<p>UTERUS T1 Small non-invasive tumor T2 Large or invasive tumor T3 Invading surrounding tissue</p> <p>-----</p> <p>N1 Pelvic RLN involved N2 Para-aortic RLN involved</p> <p>-----</p> <p>M1a Peritoneal metastasis M1b Distant metastasis(es) M1c Peritoneal & distant metastasis(es)</p>
<p>VAGINA & VULVA T1 less than 1cm T2 1-3cm minimal invasion T3 greater than 3cm T4 Invading adjacent tissue</p> <p>-----</p> <p>N1 Movable ipsilateral N2 Movable contralat or bilateral N3 Fixed Nodes</p>



<p>TESTIS T1 Testis only T2 Invading tunica albugenia T3 Invading rete or epididymus T4 Invading s. cord or scrotum</p> <p>-----</p> <p>N1 Ipsilateral RLN involved N2 Contralat or bilateral RLN</p>
<p>PROSTATE T1 Surrounded by normal gland T2 Diffuse intracapsular T3 Extends beyond capsule T4 Fixed, invading adjacent</p> <p>-----</p> <p>N1 RLN involved N2 RLN & juxta RLN involved</p>
<p>PENIS, PREPUCE, GLANS T1 less than 1cm, superficial T2 1-3cm minimal invasion T3 greater than 3cm or deep invasion T4 Invading adjacent tissue</p>

UROLOGICAL SYSTEM

<p>KIDNEY T1 Small, no deformation T2 Solitary with enlargement T3 Invading perinephric tissue T4 Invading organ or body wall</p> <p>-----</p> <p>N1 Ipsilateral RLN involved N2 Bilateral RLN involved N3 Distant LN involved</p>
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<p>URINARY BLADDER T1 Superficial papillary T2 In bladder wall, induration T3 Invading surrounding tissue or organs</p> <p>-----</p> <p>N1 RLN involved N2 RLN & juxta RLN involved</p>
