

1 **Figure 2 Scoring sheet**

2 **PHYSICAL**

Scoring Factor		Score	1	2	3	4	5	6	7	8	9	10
1	General condition (weight loss, condition score)											
2	Clinical assessment (eg cough, diarrhoea, ascites)											
3	Activity level, mobility											
4	Presence of injury											
5	Not eating/drinking											
Average score (average of scoring factors)												
Comments:												

3 **PSYCHOLOGICAL/BEHAVIOURAL**

Scoring factor		Score	1	2	3	4	5	6	7	8	9	10
1	Stereotypy, self harming, unusual self-grooming											
2	Response to catching event											
3	Hierarchy upset/dispute, aggression/bullying											
4	Alopecia score											
5	Use of enrichment											
6	Aversion to normal events eg staff interaction, cage cleaning etc											
Average score (average of scoring factors)												
Comments:												

4 **ENVIRONMENTAL**

Scoring Factor		Score	1	2	3	4	5	6	7	8	9	10
1	Housing											
2	Group size											
3	Provision of 3D enrichment											
4	Provision of manipulable enrichment											
5	Contingent event (Room move, building works etc)											

Average score (average of scoring factors)	
Comments:	

5 **PROCEDURAL (Experimental and/or clinical)**

Scoring Factor		Score	1	2	3	4	5	6	7	8	9	10
1	Restraint											
2	Sedation											
3	Effect of intervention											
4	Change in daily routine, withholding enrichment, food, restricted access to usual living area											
Average score (average of scoring factors)												
Comments:												

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7 **Figure 3: Welfare score sheet for S36**

Time (days)	801	836	857	878	913	927	941	955	967	1018	1025	1031	1044	1060	1072	1085
Event details	Sedate for blood sample	Sedate for blood sample	Sedate for blood sample	Sedate for blood sample	Sedate for blood sample	Sedate for blood sample	Sedate for blood sample	Sedate for blood sample	Sedate for blood sample	Move to CL3	Sedate for blood sample	Sedate for challenge	Sedate for blood sample	Sedate for blood sample	Sedate for blood sample	Euthanasia
Comments														Tachypnoea	Tachypnoea	
PHYSICAL																
General condition	1	1	1	1	3	1	1	1	1	3	2	2	1	3	1	2
Clinical	1	1	1	1	1	1	1	1	1	1	1	1	1	5	5	5
Activity level	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Presence of injury	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Eating & drinking	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
<i>Average</i>	<i>1.0</i>	<i>1.0</i>	<i>1.0</i>	<i>1.0</i>	<i>1.4</i>	<i>1.0</i>	<i>1.0</i>	<i>1.0</i>	<i>1.0</i>	<i>1.4</i>	<i>1.2</i>	<i>1.2</i>	<i>1.0</i>	<i>2.2</i>	<i>1.8</i>	<i>2.0</i>
BEHAVIOURAL																
Stereotypy, self-harming	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Response to catching event	3	3	3	3	3	3	3	3	3	5	5	5	5	5	5	5
hierarchy	3	3	3	3	3	3	3	3	3	6	3	3	3	3	3	3
Use of enrichment	1	1	1	1	1	1	1	1	1	6	4	4	4	4	4	4
Normal events	1	1	1	1	1	1	1	1	1	6	5	5	5	5	4	4
<i>Average</i>	<i>1.8</i>	<i>1.8</i>	<i>1.8</i>	<i>1.8</i>	<i>1.8</i>	<i>1.8</i>	<i>1.8</i>	<i>1.8</i>	<i>1.8</i>	<i>4.8</i>	<i>3.6</i>	<i>3.6</i>	<i>3.6</i>	<i>3.6</i>	<i>3.4</i>	<i>3.4</i>
ENVIRONMENTAL																
Housing	2	2	2	2	2	2	2	2	2	6	6	6	6	6	6	6
Group size	1	1	1	1	1	1	1	1	1	3	3	3	3	3	3	3
3-D enrichment	1	1	1	1	1	1	1	1	1	7	7	7	7	7	7	7
Manipulable enrichment	1	1	1	1	1	1	1	1	1	7	7	7	7	7	7	7
<i>Average</i>	<i>1.3</i>	<i>1.3</i>	<i>1.3</i>	<i>1.3</i>	<i>1.3</i>	<i>1.3</i>	<i>1.3</i>	<i>1.3</i>	<i>1.3</i>	<i>5.8</i>	<i>5.8</i>	<i>5.8</i>	<i>5.8</i>	<i>5.8</i>	<i>5.8</i>	<i>5.8</i>
EXPERIMENTAL																
Restraint	4	4	4	4	4	4	4	4	4	5	4	4	4	4	4	4
Sedation	4	4	4	4	4	4	4	4	4	5	4	4	4	4	4	4
Licensed procedures	2	2	2	2	2	2	2	2	2	1	4	4	4	4	4	4
Veterinary/husbandry procedure	1	1	1	1	1	1	1	1	1	5	1	1	1	1	1	5
Change in routine	5	5	5	5	5	5	5	5	5	7	5	5	5	5	5	5
<i>Average</i>	<i>3.2</i>	<i>3.2</i>	<i>3.2</i>	<i>3.2</i>	<i>3.2</i>	<i>3.2</i>	<i>3.2</i>	<i>3.2</i>	<i>3.2</i>	<i>4.6</i>	<i>3.6</i>	<i>3.6</i>	<i>3.6</i>	<i>3.6</i>	<i>3.6</i>	<i>4.4</i>
TOTAL WELFARE SCORE (Area of grid) (CWAS)	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	33.6	25.0	25.0	24.3	28.6	26.4	30.2

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