FLUID THERAPY – BIRDS

Maintenance: Birds 50ml/kg/day

Deficit: Work out the deficit as percent of bodyweight

- Total proteins
- PCV
- Tenting of skin

Calculate as decimal x weight (grams) = mL
E.g. 3% deficit in 0.5kg parrot: 0.03 x 500 = 15mL deficit

Replacement: Split into 4 boluses over the day
(see other poster for max IV fluid bolus information)

- Day 1: Maintenance + 50% deficit
- Day 2: Maintenance + 50% deficit
- Day 3: Maintenance
- If large deficit, split over 3 days

% bodyweight | Clinical signs of dehydration
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3-5% | increased thirst, slight lethargy, tacky mucous membranes, increased heart rate
7-10% | increased thirst, anorexia, dullness, tenting of the skin and slow return to normal, dull corneas
12-18% | dull-comatose, skin remains tented after pinching, desiccating mucous membranes, sunken eyes

<table>
<thead>
<tr>
<th>Species</th>
<th>PCV L/L</th>
<th>Total Protein (g/L)*</th>
</tr>
</thead>
<tbody>
<tr>
<td>Budgerigar</td>
<td>0.45-0.57</td>
<td>20-30</td>
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<tr>
<td>Cockatiel</td>
<td>0.43-0.57</td>
<td>31-44</td>
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<tr>
<td>Amazon Parrot</td>
<td>0.41-0.53</td>
<td>33-53</td>
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<tr>
<td>African Grey Parrot</td>
<td>0.42-0.52</td>
<td>26-49</td>
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</tbody>
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