**UNC Medical Center Perioperative Workflow: Temperature/ Humidity/ Pressure/Air Changes Staff Response for UNC Medical Center, Ambulatory Surgical Center and Hillsborough Hospital**

Plant Maintenance 24/7:  **984 974 0320**- After hours leave message

Infection Control:  **984 974 7500**

<table>
<thead>
<tr>
<th>Date:</th>
<th>Surgeon/ Service:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Time:</td>
<td>Person completing form:</td>
</tr>
<tr>
<td>OR#</td>
<td>Maintenance Personnel Contacted:</td>
</tr>
<tr>
<td>Call Back Time:</td>
<td></td>
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</tbody>
</table>

**Alert**

- □ High Temperature >95 degrees  
  - Lower Thermostat setting  
  - Recheck in 30 minutes  
  - If the condition returns to normal, no further corrective action required.

- □ Low Temperature <55 degrees  
  - Raise Thermostat setting  
  - Recheck in 30 minutes  
  - If the condition returns to normal, no further corrective action required.

- □ High Humidity >60%  
  - Raise Thermostat Setting  
  - Recheck in 30 Minutes  
  - If the condition returns to normal, no further corrective action required.

- □ Low Humidity <30%  
  - Low Thermostat setting  
  - Recheck in 30 minutes  
  - If the condition returns to normal, no further corrective action required.

- □ Pressure Loss  
  - Confirm all doors are closed  
  - Confirm all supply and return grills are unobstructed  
  - Recheck the condition in 5 minutes  
  - If the condition is back to normal, no further corrective action required.

- □ Air Exchanges  
  - Confirm all doors are closed  
  - Confirm all supply and return vents are unobstructed  
  - Recheck the condition in 5 minutes  
  - If the condition is back to normal, No further action Needed

- □ Ensure pt is not adversely affected.

- □ Contact maintenance if condition persists.

- □ After Hours, House Supervisor Contacted.

- □ Ensure that there is no condensation developing on any of the surfaces  
  - Ensure pt is not adversely affected.
  - Notify Infection Control  
  - Contact Maintenance if condition persist.

- □ Awareness to entire surgical team to the increased risk for surgical fire. Caution needs to be taken if cautery is needed during the case.  
  - Contact Maintenance if condition persists.  
  - After Hours, House Supervisor contacted.

- □ If the condition persists, order 2 hepa filters, one to be placed near patient and the other to be placed near the exit door.
  - Notify Infection Control  
  - Contact Maintenance if condition persists.  
  - After hours, House Supervisor contacted.

- □ If the condition persists, order 2 Hepa filter machines, one to be placed near patient and the other to be placed near the exit door  
  - Notify infection control  
  - Contact Maintenance if condition persists.  
  - After Hours, House Supervisor contacted.