This form is no longer required by ABOG. It is provided here in case programs wish to use it for their own purposes. Please do not submit this form to ABOG.
FELLOWS RESEARCH AND THESIS
DEFENSE SUMMARY

FELLOW’S NAME: _________________________________________________________________

TERMINAL OBJECTIVE: The fellow should be able to participate fully in the theoretical and
technical aspects of clinical and/or basic science research projects.

ENABLING OBJECTIVES: The fellow should write a thesis which is a scholarly publication and be
able to defend it according to the following outline:

Please use the following ranking system from 1-5 (5 = Best) to evaluate the fellows thesis.

A. Hypothesis (5 = Best)


What are the study objectives?
What was the population to be studied?
Was the study population representative of the target population?

Comments:
__________________________________________________________________________
__________________________________________________________________________

B. Design of the Investigation (5 = Best)


What was the study design and was it appropriate for addressing
the study hypothesis?
Were there possible sources of bias or confounding factors?
How were cases and controls selected?
What was the statistical power of the study?

Comments:
__________________________________________________________________________
__________________________________________________________________________

C. Observations (5 = Best)


Were there clear definitions of the terms used (i.e. diagnostic
criteria, measurements made and outcome variables)?
Were the observations reliable and reproducible?
What were the sensitivity, specificity and predictive values of
the methods?

Comments:
__________________________________________________________________________
__________________________________________________________________________
D. Presentation of Findings (5 = Best)

<p>| | | | | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>5</td>
<td>4</td>
<td>3</td>
<td>2</td>
<td>1</td>
</tr>
</tbody>
</table>

Were the findings presented clearly, objectively, and in sufficient detail?

Were the findings internally consistent? (ie. did the numbers add up properly and could the tables be reconciled etc.)

Comments:
_____________________________________________________________________________________________________________
_____________________________________________________________________________________________________________

E. Analysis of the Results (5 = Best)

<p>| | | | | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>5</td>
<td>4</td>
<td>3</td>
<td>2</td>
<td>1</td>
</tr>
</tbody>
</table>

Were the data worthy of statistical analysis? If so, were the methods of analysis appropriate to the source and nature of the data?

Were the appropriate assumptions met for the statistical methods utilized?

Were there sufficient analyses to ascertain whether “significant difference” might, in fact, have been due to a lack of comparability of the groups: (i.e. age, sex, clinical characteristics etc.)?

Was there an improper use of statistical techniques?

Was there mention of the type of test used or the significance level?

Was there use of measured sensitivity without specificity?

Comments:
_____________________________________________________________________________________________________________
_____________________________________________________________________________________________________________

F. Conclusions of Summary (5 = Best)

<p>| | | | | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>5</td>
<td>4</td>
<td>3</td>
<td>2</td>
<td>1</td>
</tr>
</tbody>
</table>

Which conclusions were justified by the findings?

Were the conclusions relevant to the hypothesis?

Comments:
_____________________________________________________________________________________________________________
_____________________________________________________________________________________________________________

G. Redesign the Study

If the study could be improved, how should the candidate revise the experimental design in order to provide reliable and valid information relevant to the questions under study?

Comments:
_____________________________________________________________________________________________________________
_____________________________________________________________________________________________________________
H. Breadth and Depth of Subject Matter
Each candidate may be asked about references cited in their thesis. The candidate also will be judged based upon their knowledge of the literature related to the subject of their thesis.

Comments:
_____________________________________________________________________________________________________________
_____________________________________________________________________________________________________________

I. IRB Approval
Date ______________________________
Number ______________________________

J. Additional Comments:
_____________________________________________________________________________________________________________
_____________________________________________________________________________________________________________
_____________________________________________________________________________________________________________
_____________________________________________________________________________________________________________
_____________________________________________________________________________________________________________
_____________________________________________________________________________________________________________
_____________________________________________________________________________________________________________

Signature of Reviewer ______________________________ Date ____________