

In the following example, #FOSI is used to determine if an optional <title> is present. If it is, generated paragraph numbering is output before <title>. If <title> is not present, the generated numbering is output before the paragraph.

Figure 19 Paragraph numbering with optional <title>

```

1. Introduction
Xxx xx xxx xxxx xxx xxx xxxx xxxxx xx xxxx xx xxx xxx xx xxxxx
xxxxxxx. xxx xxxxx xxxxx xxx xxxxxxxx xxx.

2. Discussion
Xxx xx xxx xxxx xxx xxx xxxx xxxxx xx xxxx xx xxx xxx xx xxxxx
xxxxxxx. xxx xxxxx xxxxx xxx xxxxxxxx xxxxx xxx.

3. Xxx xx xxx xxxx xxx xxx xxxx xxxxx xx xxxx xx xxx xxx xx xxxxx
xxxxxxx. xxx xxxxx xxxxx xxx xxxxxxxx xxxxx xxx xxx xxx xxx. Xxx xx
xxx xxx xxx xxx xxx xxx xxx.

4. Conclusion
Xxx xx xxx xxxx xxx xxx xxxx xxxxx xx xxxx xx xxx xxx xx xxxxx
xxxxxxx.

```

XML fragment

```

<para0>
<title>Introduction</title>
<para>Xxx xx xxx xxxx xxx xxx xxxx xxxxx xx xxxx xx xxx xxx xx xxxxx
xxxxxxx. xxx xxxxx xxxxx xxx xxxxxxxx xxx.</para>
</para0>
<para0>
<title>Discussion</title>
<para>Xxx xx xxx xxxx xxx xxx xxxx xxxxx xx xxxx xx xxx xxx xx xxxxx
xxxxxxx. xxx xxxxx xxxxx xxx xxxxxxxx xxxxx xxx.</para>
</para0>
<para0>
<para>Xxx xx xxx xxxx xxx xxx xxxx xxxxx xx xxxx xx xxx xxx xx xxxxx
xxxxxxx. xxx xxxxx xxxxx xxx xxxxxxxx xxxxx xxx xxx xxx xxx. Xxx xx
xxx xxx xxx xxx xxx.</para>
</para0>
<para0>
<title>Conclusion</title>
<para>Xxx xx xxx xxxx xxx xxx xxxx xxxxx xx xxxx xx xxx xxx xx xxxxx
xxxxxxx. </para>
</para0>

```

DTD fragment

```
<!ELEMENT para0 (title?,para+)>
```

```

<!ELEMENT (title|para) (#PCDATA)>

FOSI fragment
<counter initial="0" style="arabic" enumid="para0ct">
<stringdecl textid="sectionct.txt">
<stringdecl textid="title-exists.yn" literal="n">
...
<e-i-c gi="para">
<charlist inherit="1" charsubsetref="block">
<presp minimum="2pt" nominal="2pt" maximum="2pt" priority="med">
</charlist>
<att>
<specval attname="title-exists.yn" attloc="#FOSI" attval="n">
<charsubset>
<presp minimum="8pt" nominal="8pt" maximum="8pt" condit="discard"
priority="med">
<usetext source="sectionct.txt,\. \"></usetext>
</charsubset>
</att>
</e-i-c>

<e-i-c gi="section">
<charlist inherit="1" charsubsetref="block">
<enumerat increm="1" enumid="sectionct">
<savetext textid="sectionct.txt" conrule="sectionct">
<savetext textid="title-exists.yn" conrule="\n\" placemnt="after">
</charlist>
<att>
</e-i-c>

<e-i-c gi="title" context="section">
<charlist inherit="1" charsubsetref="block">
<presp minimum="8pt" nominal="8pt" maximum="8pt" condit="discard"
priority="med">
<usetext source="sectionct.txt,\. \"></usetext>
<savetext textid="title-exists.yn" conrule="\y\">
</charlist>
</e-i-c>

```

In the following figure, #FOSI is used to output a horizontal rule after the third <para>. #FOSI is coded in a pseudo-element that is processed after paract is incremented. If #FOSI is coded directly in the e-i-c for <para>, the rule is output after the fourth <para>.