Dolphin Imaging
High Quality Digital Imaging Solutions for Dental Specialties

OLYMPUS E-10 Recommended Settings (rev. 12/13/00)

Additional Components:

- SunPak DX 8R Ring Flash
- 62mm-52mm ring adaptor

Camera Default Settings
- Auto focus: AF (MF optional)

- "M" mode: **640 11**
- "S" mode: 640
- (file format): SQ (HSQ if you have a very fast computer)
- WB (White Balance): 6500K

- ISO: 80
- BKT: Frame OFF
          +/-: 1/3
- Flash: +/-: 0
- (s): NORMAL
- (c): NORMAL
- (File format):
  Depending on the processor speed & memory capacity of your computer: Here are our recommendations:
  P166-P266, 64MB: SQ 640x480, 1/8
  P300-P400, 128MB: SQ 1024x768, 1/8
  P500+, 256MB: SQ 1600x1200, 1/8
  P1000+, 256MB: HSQ 1600x1200, 1/2.7
- Interval Time: OFF
- (drive): 1
- (sound): ON
- REC VIEW: AUTO
- SLEEP: 1 MIN

- Focus Ring: always leave it for Telephoto all the way--36

Ring Flash:
- "M"
- DIN: ISO 100
- Power: BATT

Notes:
- If use AF: frame the face, push shutter trigger half way for auto-focus, listen for auto-focus "beep" then push all the way to capture
- When using AF, please be sure you are at the *same* distances between frames. Otherwise, if you are a lot closer to the subject and the resultant picture will be very bright.

- The AF mechanism requires sufficient ambient light. If capturing photos within a dark environment with AF, pictures might be guaranteed to be focused consistently.
- If use MF: move in & out until subject is focus, push the shutter trigger to capture
- Wait at least 5-10 seconds between pictures for the flash to recharge sufficient. If the picture is captured too quickly, you'll get a very dark looking image.
- To conserve battery life, lightly touch the shutter button when you've confirmed the picture review on the LCD. This will blank the LCD, thus reduce the usage of the battery.

Facials:

*Assumes patient is in front of **Dolphin-supplied Portrait Lightbox** (with a "2-sheet" filter, patient 1'-1.5' from box)*

- Macro mode OFF (NO flower)
- **S** (Speed priority) "**640**"

Ring Flash: 1/2

Intraorals
When capture I/O photos, you'll need to back out a bit; DON'T crop all the way

- Macro Mode ON (**flower**)
- **M** (Manual mode) Speed: "**640**" and Aperture: "**11**". These settings should already been set.

Ring Flash: 1/16

Dolphin.ini for automatic zooming

```
[Capture Sequence - Facial-Intraoral-Occlusal -]
6=(Filename, dsc00001.jpg), (Scale, 110)
7=(Filename, ?Next), (Scale, 110)
5=(Filename, ?Next), (Scale, 110)
11=(Filename, ?Next), (Scale, 125)
12=(Filename, ?Next), (Scale, 125)
10=(Filename, ?Next), (Scale, 125)
8=(Filename, ?Next),(UpsideDown,1), (Scale, 125)
9=(Filename, ?Next),(UpsideDown,1), (Scale, 125)
```