

## *Checklist for Scatter Laser Treatment of PDR*

- 1.** Spot size is set at 500  $\mu\text{m}$  for Goldmann lenses, 350  $\mu\text{m}$  for Mainster Wide-Field, Panfunduscope, or Volk TransEquator, and 250 to 300  $\mu\text{m}$  for Volk QuadrAspheric, Volk SuperQuad 160, or Mainster Ultra Field PRP. Usually, magnification is set at 10 $\times$  on slit lamp.
- 2.** Generally, green or yellow wavelengths are used. Krypton red laser is also effective, as is diode infrared. Krypton red and diode infrared are more uncomfortable than green or yellow wavelengths. Longer wavelengths are useful when media opacities, such as cataract or vitreous hemorrhage, are present.
- 3.** Burn duration is set at 0.1 sec; 0.2 sec may be used if anesthetic has been injected or for red wavelengths to reduce risk of perforating Bruch's membrane.
- 4.** Power is set at 200 mW and increased in 50-mW increments until gray-white burn is achieved.
- 5.** During one to three treatment sessions, total of 1200 laser burns are placed in midperiphery of retina out to vortex veins. Burns should go no closer than 1 DD from nasal edge of disc, 2 to 3 DD superiorly and inferiorly to macula, and 3 to 4 DD temporally.\*

*\*More untreated space is left posteriorly if retinopathy is mild.*

**6.** Infe  
dus is  
treatm

**7.** Sm  
conflu  
treatm  
white l

**8.** Trea  
retinal

**9.** NVD

**10.** If p  
treatm  
and siz  
If pain  
bulbar