

Clinical Photography



In all types of medical photography, we urge strongly that you standardize your photographic procedures. This is a must, of course, when serial records of a patient are required, but it is a practice that should be followed as a general rule.

Photographic Equipment

Clinical photography can take place in a variety of settings—in the doctor's office, in the operating room, or in a studio dedicated to photography. A quality 35 mm single-lens-reflex (SLR) camera is an excellent choice. Important features include portability, ease of use, a selection of interchangeable lenses of different focal length to accommodate a range of image magnifications. Where necessary,

TABLE 1
SPECTRAL SENSITIZATION

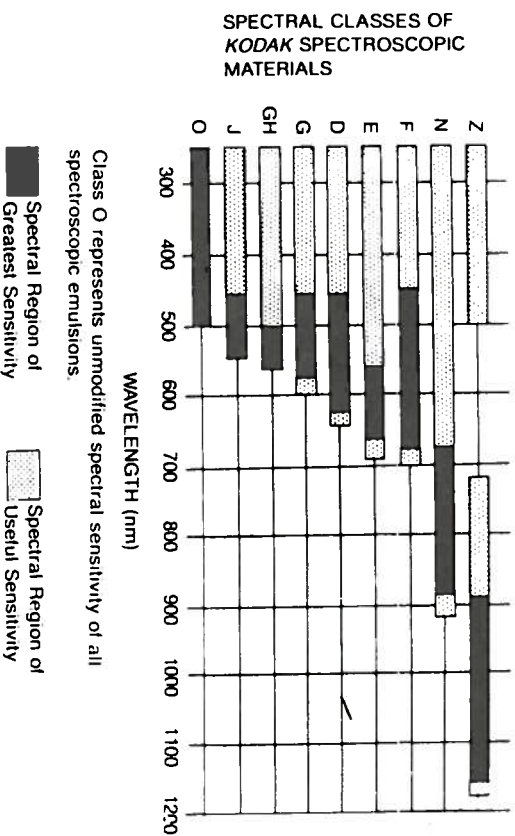


TABLE 2
Spectroscopic Films

Emulsion Type	Spectral Class
I	N, Z
IIa	O
IV	N
103	F, O
103a	E, F, G, O
649	F, GH, O

Emulsion Type	Spectral Class
I	N, Z
IIa	O
IIIa	F, J
IV	N
V	F
103a	D, F, G, O
649	F, O

Spectroscopic Plates

however, is very much dependent on the emulsion type (even the particular batch of the same emulsion), the type of treatment, and careful attention to handling technique.

Two of the methods used, emulsion cooling and "soaking" the emulsion in an atmosphere of forming gas (a dry mixture of nitrogen gas and 2 to 8 percent hydrogen gas—a non-explosive mixture), also have been used

KODAK Spectroscopic Plates and Films

KODAK Spectroscopic Emulsions, designated by a capital letter (D, E, F, G, etc), are optimized to record a specific part of the spectrum expressed in nanometers (nm). See Table 1. Available sensitizings are listed by type in Table 2. The small "a" indicates that the emulsion is specially designed for the very long exposure times encountered in stellar astronomy. The type

as other photographic topics of interest to astronomers world wide. Write to: American Astronomical Society, 2000 Florida Avenue, N.W., Washington, DC 20009.

Brown, G. P., Keene, G. T., and Millikan, A. G. 1980. *An Evaluation of Eight Films for Astrophotography*. (Eastman Kodak Company), New York.

Mayall, R. N. and Mayall, M. W. 1968. *Stysshooting - Photography for Astronomers*. (Eastman Kodak Company), New York.