

# PRO-GRAFTED

## FOR LONG-TERM SUCCESS

### GARY

KIDNEY TRANSPLANT 1999  
expecting first grandchild\*

### JANICE

LIVER TRANSPLANT 1997  
planning daughter's wedding\*

### ANNA

KIDNEY TRANSPLANT 2002  
starting ninth grade\*

### SUPERIOR REJECTION PREVENTION

Compared to cyclosporine, Prograf-treated patients experienced significantly lower rates of biopsy-confirmed acute rejection at 1 year following renal transplantation ( $P=0.001$ )<sup>1</sup>

### STABLE RENAL FUNCTION

5-year study<sup>†</sup> demonstrated minimal change in serum creatinine throughout Prograf treatment (median serum creatinine mg/dL: 1.4 Prograf vs 1.7 cyclosporine;  $P=0.0014$ )<sup>2</sup>

### FAVORABLE CARDIOVASCULAR PROFILE

Significantly fewer Prograf-treated patients required antihypertensive ( $P=0.047$ ) and antihyperlipidemia ( $P<0.001$ ) medications than cyclosporine-treated patients in the 5-year trial<sup>2†</sup>

### OVER 10 YEARS OF SUCCESSFUL USE<sup>3</sup>

\*Individual results may vary.

Prograf is indicated for the prophylaxis of organ rejection in patients receiving allogeneic liver or kidney transplants.\*\*

**WARNING:** Increased susceptibility to infection and the possible development of lymphoma may result from immunosuppression. Only physicians experienced in immunosuppressive therapy and qualified facilities should manage patients prescribed Prograf. Complete patient information is required for maintenance therapy.

Prograf is contraindicated in patients with a hypersensitivity to tacrolimus. Prograf injection is contraindicated in patients with a hypersensitivity to castor oil. Monitoring of patients for signs and symptoms of anaphylaxis during the initial infusion with Prograf is recommended.

In the original Phase III kidney transplant clinical study, where Prograf was used in combination with azathioprine and prednisone and dosed to initial target trough blood levels, insulin-dependent post-transplant diabetes mellitus (PTDM) was reported in 20% of Prograf-treated kidney patients.

Insulin dependence was reversible in 15% of these patients at one year and 50% at two years post-transplant. Black and Hispanic kidney transplant patients were at an increased risk. In the original Phase III liver transplant clinical studies, insulin-dependent PTDM was reported in 18% and 11% of Prograf-treated liver transplant patients and was reversible in 45% and 31% of these patients at one year post-transplant, in the US and European randomized studies, respectively.

Prograf has been associated with nephrotoxicity, particularly when used in high doses. To avoid nephrotoxicity, Prograf should not be used simultaneously with cyclosporine. Discontinue Prograf or cyclosporine at least 24 hours prior to initiating the other. Further delay dosing if Prograf or cyclosporine concentrations are elevated.

Mild to severe hyperkalemia was reported in 31% of kidney transplant recipients and in 45% and 13% of liver transplant recipients treated with Prograf in the US and European randomized trials, respectively, and may require treatment. Serum potassium levels should be monitored and

potassium-sparing diuretics should not be used during Prograf therapy.

Neurotoxicity, including tremor, headache, and other changes in motor function, mental status and sensory function were reported in approximately 55% of liver transplant recipients in the two randomized studies. Seizures have occurred in adult and pediatric patients receiving Prograf. Coma and delirium also have been associated with high plasma concentrations of tacrolimus.

The principal adverse reactions of Prograf are tremor, headache, hypertension, gastrointestinal disturbance, and renal dysfunction.

Please see brief summary of prescribing information on the adjacent page.

<sup>†</sup>It is recommended that Prograf be used concomitantly with adrenal corticosteroids. Because of the risk of anaphylaxis, Prograf injection should be reserved for patients unable to take Prograf capsules orally.

 **PROGRAF**<sup>®</sup>  
tacrolimus capsules and injection

**THE EVIDENCE CONTINUES**

<sup>†</sup>5-year results of the prospective Phase 3 trial. Patients continuing in the extension study were followed for 5 years from randomization or until death.

References: 1. Pirsch J, Miller J, Deierhoi MH, et al. A comparison of tacrolimus (FK506) and cyclosporine for immunosuppression after cadaveric renal transplantation. *Transplantation*. 1997;63(7):977-983. 2. Vincenti F, Jensik SC, Filo RS, et al. A long-term comparison of tacrolimus (FK506) and cyclosporine in kidney transplantation: evidence for improved allograft survival at five years. *Transplantation*. 2002;73(5):775-782. 3. Data on File, Astellas Pharma US, Inc.

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