AMEVIVE ⁵⁹ was evaluated in two randomized, double-blind, placebo-controlled studies in adults with chronic (>1 year) plaque psortasis asd a minimum body surface area involvement of 10% who were candidates for or fad previously received systemic therapy or phototherapy. Each course consisted of one-weekly adminis- tration for 12 weekly (1/ or Sulty 1, 1// for Sulty 2) of placebo - AMEVIVE ⁶⁹ . Patients could receive con- comitant low potency topical steroids. Concomitant phototherapy or systemic therapy was not allowed.	Fundamentary names and observed an elimital trials, AMEVIVE® therapy resulted in a dose-dependent decrease in circulating total purphecytes. This reduction predeminantly affected the memory effector subset of the CD4+ and CD8- Fundamentary CD4-CD4E04 and CD8-CD4E04, bit perdeminant phenotype in psoriadic lesions. Circulating naïve T lymphocyte and natural killer call counts appeared to be only minimally suscepti- ble to AMENVYE® treatment, while circulating B lymphocyte counts appeared not to be affected by AMEVIVE® (see ADVENSE REACTIONS, Effect on Lymphocyte Counts).	The pharmacokinetics of alefacept in pediatric patients have not been studied. The effects of renal or hepatic impairment on the pharmacokinetics of alefacept have not been studied.	Pharmacokinetics In patients with moderate to severe plaque psoriasis, following a 7.5 mg intravenous (iV) administration, the mean volume of distribution of alefacept was 94 mil/kg, the mean clearance was 0.25 mil/n/kg, and the mean elimination half-life was approximately 270 hours. Following an intramuscular (IM) injection, bioavailability was 63%.	Interfact the 2 adv classes a reduction in states or update in miningipulation (F receiptors), presultationary or bridging thereinen CO2 on target typinghorytes and immunogipulating F receiptors on epidotokic cells, such as natural killer cells. Treatment with AMENVE® results in a reduction in circuitating tradit CO4+ Typinghoryte cumus. CD2 is also expressed at low levels on the surface of neutral killer cells and certain bone marrow B kynohocytes. Therefore, the potential exists for AMEVIVE® to affect the activation and numbers of cells other than T kynohocytes. In Circuitating to a MAEVIVE®, minor changes in the numbers of circuitating to regulate them T kynohocytes have been observed.	Similaring LPK-ScU22 instanction a subset of 19 imployees involving the interaction barreet LPK-Scu22 instanction of 19 imployees involving the interaction barreet LPK-Scu22 interacting the performance of the standard scu22 of 15 imployees and the participation presence of the CD45RO marker', express activation markers (e.g., CD25, CD39) and release inflammation y dividines, such as interform y.	CLINICAL PHARMACOLOGY AMELVIVE® interferes with tymphocyte activation by specifically binding to the tymphocyte antigen, CO2, and	Parcy IVE: a sectable in vito variable una , mechanico (n) international antipochet variable in only developing 0.5 mL of reconstituted solutions. AME/VTVF for intravenous infliction contains 7.5 mg alekcept per 0.5 mL of reconstituted solution. Both formulations also contain 12.5 mg success, 5.0 mg bycline, 3.6 mg sodium strate dihydrate, and 0.66 mg citic acid monohydrate per 0.5 mL.	AMEDVIVE® is supplied as a sterile, white-to-off-white, preservative-free, byophilized powder for parentaral administration. After reasonstitution with 0.6 mL of the supplied Sterile Water for lujection, USP, the solution of AMEVVE® is clear, with a pH of approximately 0.9.	unitality periode on the fundational endedoper information endegenes (LEN-5) interest on the Fundice, Lex and Loss domains) portion of human lefts. A defacers is produced by economianar. TWA technology in a Chinese Hamster Oversy (CHO) mammalian cell expression system. The molecular weight of aleleacers is 91.4 kilodal-tons.	APENVE® (aleface) is an immunosuppressive dimerin fusion protein that consists of the extracellular CD2- VADEVVE® (aleface) is an immunosuppressive dimerin fusion protein that consists of the extracellular CD2- Vander a refer on a feat but human but on the facetor contenes 2.0 for an induction that for the extra collection	MERNE" (AIEGARDI)		163007-5			AMEVIVE® (alefacept)	Biogen Idec Inc.
A A Weeka Periodosing A Weeka Periodosing A Weeka Periodosing 2 A Hard Periodosing A Weeka Periodosing A Weeka Periodosing 0 A Hard Periodosing A Hard Periodosing	Median PASI Score	na dianankan (sakar)	Inclu course in and positivals was reserved (discrease in median PAS) course (in the owner in the formal. The level of response (discrease in median PAS) course your the two courses of V (restment is shown in Figure 1. The median reduction in PAS) score was greater in patients who received a second course of AME/IVE ⁴⁸ treatment (see Cohort 1) compared to patients who received placebo (see Cohort 2). Figure 1. Median PASI score Over Time	d a 75%	PASI through the 3-month observation period. Mexicy of process statisticating of some or greater resources in PASI through the 3-month observation period. Among responders in Study 1 who received AMEVIVE® 7.5 mg IV or in Study 2 who received AMEVIVE® 15 mg IM and vere followed of active treatment before AMEVIVE® retreatment, a 50% or greater reduction in PASI was maintained for a median of 7 sportits.	1 month for ely 2 months	(SI) began	orders to the 10 mg IM dose was higher than placebo, but the difference		10% 38% 28 (22, 35) 18% 42% 24 (14, 33)	4% 14% 10°(6,15) 5% 21% 16°(9,23)	Treatment Placebo AMEVIVE® Difference Placebo AMEVIVE® Difference response: (N=186) 7.5 mg IV (95% CI) (N=168) 15 mg IM (95% CI) rom baseling (N=367) (N=367) (N=168) 15 mg IM (95% CI)		 both studies was defined as the popurition of patients with a reduction in source or the "Portals Area and both studies was defined as the popurition of patients with a reduction in source on the "Portals Area and Severify Index (PASI)" of at least 16% from baseline baseline baseline to subject a reduction and patients with a reduction and the properties of the transmission of "atmost clear" or "clear" by Physician Global Assessment (PAS) and the propertion of patients with a reduction in PASI of at least 50% from baseline two weeks after the 12-week trastment period. least 50% from baseline two weeks after the 12-week trastment period. Study 1 (the Intravenous Study) and Study 2 (the Intramuscular Study) Two Weeks Post Dosing 	in Studies 1 and 2, 77% of patients had previously received systemic therapy and/or phototherapy for psori- asis. Of these, 22% and 19%, respectively, had failed to respond to at least one of these previous therapies.	Content 1 AMEVIVE® (183) AMEVIVE® (154) Cohort 1 AMEVIVE® (183) AMEVIVE® (154) Cohort 2 AMEVIVE® (184) AMEVIVE® (154) Cohort 3 Placebo (186) AMEVIVE® (153) Study 2 provided a basis for comparison of patients trateed with ether 10 mg or 15 mg AMEVIVE® (153) AMEVIVE® (153) Study 2 eventy-three patients were randomized to receive 10 mg of AMEVIVE® 114, 166 to receive 15 mg of AMEVIVE® 104, 166 to r	- 김 규 가 같
Jauradize, easy bruising, dark urine or pale stools. Laboratory Tasts The CD4+ I fumphocyte counts should be monitored every two w period and used to guide dosing. Patients should have normal CD a subsequent course of transmern with AMEVIVE®. If 250 cells/ut. AMEVIVE® dosing should be withheld and weekly decontinue if it. To tumohocks course and the south below to be	everoping an interction or a malignancy, rearists should be advise develop any signs of an interction or malignancy will undergoin Fenale patients should also be advised to nobly their physici fenale patients should also be advised to nobly their physici AME/VIVE® (or within 8 veeks of discontinuing AME/VIVE9) and aged to ampli in the Programcy Registry. Call 1-866-AME/VIE (see PRECAUTIONS, Pregnancy). Patients should be advised that serious liver injury has been repor Patients should be advised that serious liver injury has been repor Patients should be advised that serious liver injury has been repor	Information for Patients Patients should be informed of the need for regular monitorin during therapy and that AAECVIVE® must be administered under should also be informed that AAECVIVE® reduces lymphocyte co	1* (10)AVEN of AREVIVE-intered patents and 1.2% (2413) (AST develops of at least 3 times the upper limit of cornal. While with the use of AMEVIVE® has not been established, patients wi be fully evaluated. AMEVIVE® should be discontinued in patients injury.	commuted miniedately and appropriate mercely intracted. Hepatic Injury In post-marketing experience there have been reports of liver in post-marketing experience there have been reports of their is reported with reported with concommita- tature. Two cases of here failure were reported with concommita- tature. Two cases of here failure were reported with concommita- tature. Two cases of here failure were reported with concommit- tature. Two cases of here failure were reported with concommit- tature. Two cases of here failure were reported with concommit- tature. Two cases of here failure were reported with concommit- tature. Two cases of here failure were reported with concommit- tature in the second se	baility to insumi rummunity to tetanus toxodd (recall antippen) and in those partients undergoing AMEV/VC® therapy. Allergin Reactions (unicaria, andioedema) were associate typorsenstikvity treations (unicaria, andioedema) were associate an anaphylactic reaction of other, serious allergin treation occurs, an anaphylactic reaction of other, serious allergin treation occurs.	Patterns receiving orner immunosuppressive agents or protorne with AMEVIVE® because of the possibility of recessive immunos The salety and efficacy of veccines, specifically live or live-attenue treade with AMEVIVE® have not been studied. In a study of de	PRECAUTIONS Elfects on the Immune System	or intraution uniting or rates of works to work the construction develops a strong intertion, ANEUVIPE should be discontinued the 24-week, period constituting the first course of plazebo-conter requiring hespitazion) were observed at a rate of 0.9% (0.2% (1/413) in the plazebo group.	Auti-vive-is an inntrunosuppressive agent and, therefore has and reactivate latent, ethonic interctions. AME/VIVE® should not important infection. Gaution should be exercised when conside action interctions or a listory of resurrent interction. Patients at a infection during on these particular and infection.	Serious Infections	Ferning), Ant-Vive* should not be administered to patients with should be exercised when considering the use of AMEVIVE* in patient develops a malignancy, AMEVIVE* should be discontinued.	be-controlled could and a set of the set	manynaniurs AMEVINF® mav increase the risk of malionancies. In the 24-week	A COURSE OF AMEVICE® THERAPY SHOULD NOT BE INITIATED A COURSE OF AMEVICE® THERAPY SHOULD NOT BE INITIATED COURT SELOW NORMAL. THE COA. T LYMPHOCYTE COUR SUBJECT OF AN EXAMPLICATE OF TWO WEEKS THROUGHOUT T INEAL IF COA. T LYMPHOCYTE COURTS ARE BELOW 250 INITIATELD AND WEEKLY MONITORING INSTITUTED. AMEVIC COUNTS REMAIN BELOW 250 CELLSjuL for one month (SEE D) COUNTS REMAIN BELOW 250 CELLSjuL for one month (SEE D)	WARNINGS Lymphopenia Ameying® Induces dose-dependent reductions in Circ	CONTRAINDICATIONS ANEXPICE should not be administered to patients infected with 1 ANEXPICE which mogily consistent disease programs or increases (see WAANNINGS, LYMPHOPENA and WAANNINGS, Serious inter AMEVIVE® should not be administered to patients with known components.	INDICATIONS AND USAGE AMEVIVE® is indicated for the treatment of adult patients with I who are candidates for systemic therapy or phototherapy.

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moderate to severe chronic plaque psoriasis

HIV. AMEVIVE® reduces CD4+ T lymphocyte se complications of disease in these patients setions).

hypersensitivity to AMEVIVE® or any of its

ULATING CD4+ AND CD8+ T LYMPHOCYTE

TED IN PATIENTS WITH A CO4. T LYMPHOCYTE DUNTS OF PATIENTS RECEIVING AMEYVE? TTHE COURSE OF THE 12-WEEK DOSING REG-O CELLS/uL, AMEYVE? DOSING SHOULD BE DEVLOE'S SHOULD BE DISCORTINUED IF THE DEVLOE'S SHOULD BE DISCORTINUED IF THE E DOSAGE AND ADMINISTRATION).

vesk period constituting the first course of place-1 AMEVIVE-treated patients. The incidence of terms compared to 0.5% (241(3) in the placeso-listical studies, animals developed B cell hyper-MITIONS, Carcinogenesis, Nutagenesis, and with a history of systemic meligenery, Caution n patients at high risk for malignancy. If a patient

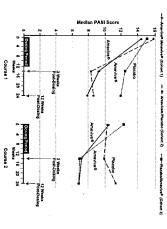
not be prohibil to increase the risk of intection not be administered to patients with a clinically stotering the use of AREVIVE in patients with its should be monitored for signs and symptoms tections should be actively monitored. If a patient stoter is should be actively monitored. If a patient science should be actively monitored. If a patient patient of the analysis of the actively actively patient of the analysis of the actively actively actively science and actively actively actively actively actively science actively activel

prapy should not receive concurrent therapy uppression.

ated vaccines, administered to patients being 5 patients with chronic plaque psoriasis, the an experimental neo-antigen was preserved

ed with the administration of AMEVIVE®. If , administration of AMEVIVE® should be dis-

1 righy, including asymptomatic transaminase to not cirmosis with liver failure, and acute lives intrant acontol use ea ADVERSE REACTIONS 1 if its course of placebo-controlled studies, 3) of the placebo proug experienced ALT addres 3) of the placebo proug experienced ALT address with signs or symptoms of liver injury should with signs or symptoms of liver injury should not who develop significant clinical signs of liver intermediate acute the significant clinical signs of liver



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ng ci white blood cell (lymphocyte) counts er the supervision of a physician. Patients ounts, which could increase their chances of teed to inform their physician promptly if they tead to inform their physician promptly if they to a course of treatment with AMEVIVE®.

ians if they become pregnant while taking be advised of the existence of and encour-(1-866-263-8483) to enroll into the Registry

ted in patients receiving AMEVIVE®. Patients anorexia, fatigue, vomiting, abdominal pain,

vo weeks during the 12-week AAEVIVE® dosing (CD44 T lymphocyte counts prior to an initial or II CD44 T lymphocyte counts are below kity monitoring instituted. AMEVIVE® should be icells/µL for one month.

tion of follow-up was 8.4 months for the patients who received 1 to 2 courses and 27.7 months for the patients who received 3 or more courses of ALEVIVE®. Of the 1869 total patients, 876 received their first course in placebor-controlled studies. The population studied ranged in get from 516 sky and included 69% men and 31% womes. The patients were mostly causastan (89%), railecting the general association populations and 31% womes.	Clinical traits of a drug cannot be directly compared to rates in the clinical traits of another drug and may not reflect the rates observed in practice. The adverse reaction information does, however, provide a basis for identifying the adverse events that appear to be related to drug use and a basis for approximating rates. The data described below rathed exposure to ANE/VIVE® in a total of 1869 percensis patients, of whom 1315 (70%) researd 1 to 2 contest of thereave and 545 (30%); reprived 3 contrasts patients, of whom 1315 (70%) researd 1 to 2 contest of thereave and 545 (30%); reprived 3 controls contrasts patients, of whom	The most common events resulting in discontinuation of treatment with AMEVIVF® were CD4+ T symphocyte levels below 250 cellsyst. (see WARNINGS, and ADVERSE REACTIONS, Effect on Lymphocyte Counts), headate (0.2%), and nausea (0.2%). Becaudate (0.1%) and nausea (0.2%).	The zoverse reactions which most contratomy resulted in clinical intervention were action-exacting events including coronary artery disorder in a 1% of patients and myooardial infarct in 41% of patients. These events were not observed in any of the 413 placebo-treated patients. The toral number of patients hospitalized for cardiovascular events in the AAKEVIVE®-treated group was 1.2% (11/876).	2% higher incidence in the AMEVIVE® treated patients compared to placebo-treated patients were: phacyng- tis, dizzness, increased couph, sausa, pourtus, rsystiga, chills, inlection site para, injection site transme- tion, and accidental injury. The only adverse event that occurred at a 2% or higher incidence anong AMEVIVE®-treated patients compared to placebo-treated patients was chills (1% placebo vs. 6% AMEVIVE®), which occurred predominantly with intravenous administration.	 Lymphopena (see WARNINGS) Malignancies (see WARNINGS) Scrious Interctions requiring hospitalization (see WARNINGS) Hypersensitivity Reactions (see REEALTIONS, Allergic Reactions) Commonly observed advece events seen in the first course of observicy-controlled clinical trible with at least a 	ion perdetity parents. ADVERSE REACTIONS The most serious adverse reactions were:	or call room yourname with recovery inverter versal index, a loward or is a positive write z subject age. No after forms in subject were observed between older and in younger patients, but there were nor sufficient data to exclude important differences. Because the incidence of interctions and cartain malignancies is higher in the elderly population, in general, caution should be used in treating the elderly. Pedialrib Use Pedialrib Use Pedialrib Use In pediatric patients and financy of AMEVIVE [®] in pediatric patients have not been studied. AMEVIVE [®] is not indicated to a subject the elderly have not been studied. AMEVIVE [®] is not indicated to a subject to the elderly have affined by and efficacy of AMEVIVE [®] in pediatric patients have not been studied. AMEVIVE [®] is not indicated to a subject to the elderly have affined by and efficacy of AMEVIVE [®] in pediatric patients have not been studied. AMEVIVE [®] is not indicated to a subject to a subj	Nursing Mohers It is not known whether AMEVIVE® is excreted in human milk. Because many drugs are excreted in human milk, and because there exists the potential for serious adverse reactions in nursing intents from AMEVIVE®, a decision should be made whether to discontinue musing whethe taking the drug or to discontinue the use of the drug, taking into account the importance of the drug to the mother. Gentalic Use	Animal reproduction studies, however, are not always predictive of human response and there are no adequate and well-controlled studies in pregnant vomen. Because the rick to the development of the tetal immune sys- tem and postnate immune furction in humans is unknown, MalEVIVFe should be used during pregnancy only if clearly needed. If pregnancy occurs while taking AMEVIVFe, continued use of the drug should be assessed.	Beproductive toxicology studies have been periormed in cynomolgus monkeys at looses up to 5 majarad ferridity or (about 62 times its human does been on hoty-wight) and have reveated on evidence of impaired ferridity or harm to the texts due to AMEVINE®. No abortifactient or transcegenic effects were observed in cynomolgus monkeys following intravenous bolus injections of AMEVINE® authorities were welds of the period of organogenesis. By opstation. AMEVINE® underwent transceptoental passage and produced in <i>the text</i> exposure in the developing monkeys. <i>In Julea</i> , serum levels of exposure in these monkeys were 25% of maternal serum levels. No evidence of tetal toxicity including adverse effects on immune system development was observed in any of these animals.	Pregnancy (Category B) Women of childbearing potential make up a considerable segment of the patient population affected by pso- riasts. Since the effect of ARE/VIC ^{go} on pregnancy and lead development, including immune system devel- opment, is not known, health care providers are encouraged to enroll patients currently taking AME/VIVE [®] who become pregnant into the Biogen date Pregnancy Registry by calling 1-866-AME/IVE [®] (1-866-263-8443).	congeniai or zoquirad mimunodenciencies including those resulting from immunosuppressive therapy. No formal carcinogenicity or fartility studies were conducted. Autiagenicity studies were conducted <i>in vitro</i> and <i>in vitro</i> ; no evidence of mutagenicity was observed.	Drug Interactions We formal interaction studies have been performed. Carcinogenesis. Nurgenesis, and Fertility In a circuic toxicity study, cynonolyus molekely were dosed weekly for 52 weeks with intravenous alefcept a 1 ng/cyclose or 20 ng/kyddese. One animal in the high dose group developed B-cell typphona that was detected after 28 weeks of dosing. Additional animals in borth dose group developed B-cell typphona that was detected after 28 weeks of dosing. Additional animals in borth dose group developed B-cell typphona that was detected after 28 weeks of dosing. Additional animals in borth dose groups developed B-cell typphona that splear and typp index. One-year post-treatment there was no evidence of alefcoept-related tymphona to B-cell typerplease in any of the remaining treated monkeys. All animals in the study were postilve for an endemic printate gammaherpes virus also known as tym- phocryptovirus (ICUV). Letter LCV intection is generally asymptomatic. Du Can lead to B-cell typphonas when animals are immune suppressed. In a separate study, taboons given 3 doses of alefcept at 1 ng/kg every 8 weeks were found to have con- modest proliteration in B-cell dependent areas in the germinal centers of the spleen following a 116-day washout period. The role of ANECVIVE® In the development of the lymphood malignatery and the hyperplesia doserved in non- human primates and the relearce to humans is unknown. Immunodei/eiomacy.
Preparation Instructions AME/IV/FFS should be reconstituted by a health care professional using aseptic technique. Each vial is intend- ed for single patient use only.	The CD4+T lynghtocrie counts of patients receiving AltPriVPT® should be monitored before initiating dosing and every two weeks throughout the course of the 12-week dosing regimen. If CD4+T lynghtocrite counts are below 250 cellsky AMENVT® dosing should be withinket and weeky monitoring isstinced. AMENVT® should be discontinued if the counts remain below 250 cellskuL for one month (see PRECAUTIONS . Laboratory Tests).	The recommended doss of AMEVIVE® is 7.5 mg given once weekly as an IV bolus or 15 mg given once week- by as an IM injection. The recommended regimen is a course of 12 weekly injections. Retreatment with an additional 12-week course may be initiated provided that CD4.4 Tymphocre courts are within the normal range, and a minimum of a 12-week interval has passed since the previous course of treatment.	DOSAGE AND ADMINISTRATION AMEVIVE® should only be used under the guidance and supervision of a physician.	OVERDOSAGE The highest dose tested in humans (0.75 mg/kg IV) was associated with chills, headache, arthratgia, and situstis within one day of dossing. Patients with have been inadvertently administered an excess of the res- orition and dose should be closely monitored for effects on total lymphocyte count and CD4+ T lymphocyte count	The data reflect the percentage of patients whose test results were considered positive for anticodes to aleacery in an ELISA assay, and are highly dependent on the sensitivity and specificity of the assay. Additionally, the observed incidence of antibody positivity in an assay may be interneed by several factors including sample handling, timing of sample collection, concorritant medications, and underlying disease. For these reasons, comparison of the incidence of antibodies to aleacery with the incidence of antibodies to other products may be misleading.	Immunogeniely 3% (50/1357) of petients receiving AMEVIVE® developed low-titer antibodies to alelacept. Approximately 3% (50/1357) of petients receiving AMEVIVE® developed low-titer antibodies to alelacept. He expenses correlation of antibody development and cilinical response or adverse events was observed. The long-term immunogenicity of AMEVIVE® is unknown.	Injection Site Reactions: in the Intranuscular study (Study 2), 16% of AMEVIVE®-treated patients and 8% of placebo-treated patients reporter injection site reactions. In patients receiving repeated courses of AMEVIVE® IM therapy, the inoi- dence & injection site reactions remained similar across courses of therapy. Reactions at the site of injection we regenerally mild, typically occurred on single occasions, and included either pain (7%); inflammation (4%), beeding (4%), earts (2%), non-specific reaction (2%), mass (1%), or exint hypersensithetty (<1%). In the clinical traits, a single case of injection site reaction led to the discontinuation of AMEVIVE®.	Hepatic futury In post-transfetting experience there have been reports of asymptomatic transuminase elevation, fatty inflitre- tion of the liver, hepatits, and severe liver tailure (see PRECAUTIONS , Hepatic Injury). In the 24-week period constituting the first course of placebo-controlled studies, 1.7% (15.878) of AME(VI)C=Puretaek platients and 1.2% (5.413) of the placebo group experienced ALT and/or AST elevations of at least 3 times the upper limit of normal.	Hypersensitivity Reactions in clinical studies 4 of 1689 (0.2%) patients were reported to experience angioedrana: two of these patients were hospitalized. In the 24-week period constituting the first course of placebo-controlled studies, unforma was reported in 6 (1%). AMENUTRENetated patients as 1 patients in the control group. Urticaria resulted in discontinuation of therapy in one of the AMER/WE ⁴⁶ -treated patients.	Infections in the 24-week period constituting the first course of placebo-controlled studies, serious infections infections requiring hospitalization) were seen at a rate of 0.9% (8876) in AMENIVE®-treated patients and 0.2% (1/413) in the placebo group. In patients receiving repeated courses of AMEVIVE® therapy, the rates of serious infections menaned similar across courses of therapy. Stricus infections include cellulis, abcesses, wound intections, toxic shock, pneumonia, appendicits, cholecystitis, gastroenteritis and herpes infections.	Anong 1969 patients who received AMEV/VE® at any dose in clinical triats, 43 patients were diagnosed with 63 treatment-emergent malignaanles. The majority of the malignancies were non-melanoma skit concers: 46 cases (20 basel cell, 26 sciencours) cell concinomas) in 27 patients. Unlier malignancies observed in AMEV/VE®-trated patients included melanoma (ri-a), solid organ malignancies (ri=12 in 11 patients), and bymphomas (n=5); the latter consisted of two Hodgkite's and two non-Hodgkin's lymphomas, and one cura- neous I cell lymphoma (mycos) trungolite).	Malignancies in the 24-week period constituting the first course of plexebo-controlled studies, 13 malignancies were diagnosed in 11 MAEVING-strated patients. The incidence of malignancies was 1.3% (1/876) for AMEVING®-treated patients compared to 0.5% (2/413) in the placebo group.	Effect on Lymphocyte Counts In the intramuscular study (Study 2), 4% of patients temporarily discontinued treatment and no patients permanently discontinued treatment on CD4+ T bymphocyte counts below the specified threshold of 250 cells/uk. In Study 2, 10%, 28%, and 42% of patients the dual lymphocyte, CD4+, and CD6+ T tympho- and 21% of patients had tool silvymphocyte. CD4+, and CD6+ T cell counts below normal. In the first course of the intravenous study (Study 1), 10% of patients temporarily discontinued treatment and 2% permanently discontinued treatment due to CD4+ T symphocyte courts below normal. 2% before the intravenous study (Study 1), 10% of patients temporarily discontinued treatment and 2% before the intravenous study (Study 1), 10% of patients temporarily discontinued treatment and 2% before the intravenous study (Study 1), 10% of patients temporarily discontinued treatment and 2% before the intravenous study (Study 1), 2%, of patients that Dial lymphocyte counts below normal. 26% before the intravenous study (Study 1), 2% of patients that Dial lymphocyte counts below normal. 2% before a course of the apy (12 weekly doses), 4% of patients had total lymphocyte counts below normal. 19% had CD4+ T lymphocyte counts below normal, and 3% had CD6+ T lymphocyte counts below normal. 19% had CD4+ T lymphocyte counts below normal, and 3% had CD6+ T lymphocyte counts below normal. 19% had CD4+ T lymphocyte counts below normal, and 5% had CD8+ T lymphocyte counts below normal. (T& had CD4+ T lymphocyte counts below normal, and 5% had CD8+ T lymphocyte counts below normal (see WARNINGS, and PRECAUTIONS, Laboratory Tests).

Do not use AMEVIVE® beyond the date stamped on the carton, dose pack iid (IV), drug/diluent pack (IM) AMEVIVE® viai label, or diluent container label.

ANEVIVE® 15 mg tyophilized powder for IM administration should be reconstituted with 0.6 mL of the supplied dituent (Stanle Water for Injection, USP). 0.5 mL of the reconstituted solution contains 15 mg of aletacept.

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AMEVIVE® 7.5 mg tyophilized powder for IV administration should be reconstituted with 0.6 mL of the sup-plied diluent. 0.5 mL of the reconstituted solution contains 7.5 mg of abelacept.

Do not add other medications to solutions containing AMEVIVE®. Do not reconstitute AMEVIVE® with other diluents. Do not filter reconstituted solution during preparation or administration.

All procedures require the use of asspite kernique. Using the supplied syringe and one of the supplied needers, withdraw only 0.6 mL of the supplied dilutert. (Strife Water for Inflection, USP). Keeping the table pointed at the sidewall of the veta (source) integrating with a supplied diluteration. USP). Keeping the table pointed at the sidewall of the veta (source) integrating with a supplied diluteration. The source of the sidewall of the veta (source) is a supplied diluteration. The source of the sidewall dissolution of a supplied direction of the sidewall be sidewall be used as soon as possible after reconstitution.

The reconstructed sourchon should be clear and colorbass to slightly yellow. Veually inspect the sourchon for particulate matter and discoloration prior to administration. The solution should not be used if discoloration cloudy, or if undissolved material remains.

Following reconstitution, the product should be used immediately or within 4 hours if stored in the vial a 2-3°C (36-46°F). AMEMIVE® NOT USED WITHIN 4 HOURS OF RECONSTITUTION SHOULD BE DISCARDED

Remove the needle used for reconstitution and attach the other supplied needle. Withdraw 0.5 mi, of the $\rm AHEVVE^{o}$ solution into the syringe. Some fearm or bubbles may remain in the vial.

For intramusular use, inject the full 0.5 mL of solution. Rotate injection sites so that a different site is used for each new injection, New injections should be given at least 1 inch from an old site and never into areas where the skin is tender, bruised, red, or hard.

- Prepare 2 syndroms with 3.0 mL Kommal Saline, USP for pre- and post-administration flush.
 Prime the wringted infusion set with 3.0 mL saline and lesert the set into the velin.
 Attach the AMEPVYECFalled syringe to the infusion set and administer the solution over no store than seconds.
 Succonds.
 Flush the infusion set with 3.0 mL saline, USP.
- controlled studies, serious intections (infections (08076) in AMEVIVE=treated patients and repeated courses of AMEVIVE= therapy, the stess of therapy. Serious intections amonia, as, would infections, toxic shock, pneumonia,

HOW SUPPLIED

AMEVIVE® for IV administration is supplied in either a carron containing four administration does packs, or in a carton containing one administration does pack. Each does pack contains one 7.5-m go single-use and AMEVIVE®, one 10 mL single-use diutent vial (Statelle Water for Injection, USP), one syringe, one 22 gauge. Yi noit wingel initision set, and two 23 gauge 1 V₄ inch needles. The KDC number for the four administra-tion does pack carton is 58627-020-01. The NDC number for the one administration does pack carton is 59627-020-02.

AMEVIVE® for IM administration is supplied in either a carton containing four doses, or in a carton containing one dose. Each four-dose carton contains one removable drug/litteeft pack for refrigeration, four 1 mL synthes, and eight-dose carton contains one removable drug/litteeft pack for refrigeration contains four 15m2 (5m2) and 15m2 (5m2) (5m

AMEVIVE® is reconstituted with 0.6 mL of the 10 mL single-use diluent.

Storage

The dose pack. (iV) and drugdiluent pack. (iW) containing AREVIVE® (lyophilaed pawder) should be stored in a refrigerator between 2-8°C/36-46°F. PROFECT FROM LIGHT. Retain in carton (IV) or drug/diluent pack. (IM) until time of use.

Rx only

REFERENCES

- Bos JD, Hagesaars C, Das PK, et al. Predominance of "memory" T cells (CD4+, CDv29+) over "naive" T cells (CD4+, CD45A+) in both normal and disesset human skin. Acth Dermatol Res 1989; 281c24-70.
 Elis C, Krusger GG. Treatment of chronin plaque psoriasis by selective targeting of Res 1989; 281c24-71.
 Fredifesson T, Pezersson U. Severe psoriasts—oral therapy with a new retinctal. Dermatologica 1976; 157:238-244.

sociated with chills, headache, arthraigia, and advertently administered an excess of the rec-stal lymphocyte count and CD4+ T lymphocyte Issued: September/2005

AME/IVE® (aletacept) Manutaturset by: BIOGEN IDEC INC: 14 Cambridge Denter Cambridge NAV02142 USA Cambridge NAV02142 USA @2005 Slogen field: Inc. All rights reserved. 1-666-263-8483

U.S. Patents: 4,956,281 5,547,853 5,728,577 5,914,111

5,928,543 6,162,432 Additional U.S. Patents Pending

Disease severity at baseline was moderate to severe psoriasis

al using aseptic technique. Each vial is intend-

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