APROVASC ® 150 mg/ 5 mg APROVASC [®] 150 mg/ 10 mg APROVASC [®] 300 mg/ 5 mg **APROVASC** [®] 300 mg/ 10 mg

Irbesartan / amlodipine besylate Film coated tablets

SANOFI 🎝

1. TRADE NAME: APROVASC 2. GENERIC NAME:

Avesarian / Annoupme Desynate 3. PHARMACEUTICAL DOSAGE FORM AND COMPOSITION: FILM COATED TABLETS

FORMULATION

| Each film coated tablet contains | | | | |
|---|----------|----------|----------|----------|
| Irbesartan | 150 mg | 150 mg | 300 mg | 300 mg |
| Amlodipine besylate equivalent to amlodipine | 5 mg | 10 mg | 5 mg | 10 mg |
| microcrystalline cellulose, croscamellos sodium, hydroxypropyl methylcellulose, colloidal silicon dioxide, magnesium stearate, polyethylene glycol. titanium dioxide, red iron oxide (Aprovase [®] 150mg/10mg), yellow iron oxide (Aprovase [®] 300mg/5mg) qs | 1 tablet | l tablet | l tablet | 1 tablet |
| 4. THERAPEUTIC INDICATIONS: | | | | |
| Trastmont of accontrol hyportaneion | | | | |

APROVASC is indicated in patients whose blood pressure is not adequately

... to the press contraindicated in: hyperson-1...

hypersensitivity to either or both of the active substances or to any of the f

omponents hypersensitivity to dihydropyridines cardiogenic shock, clinically significant aortic stenosis, unstable angina (excluding

- caronogenic snock, clinically significant aortic stenosis, unstable angina (excluding Prinzmetal's angina)
 - pregnancy and lactation (see Warnings and section 8, Restrictions during Pregnancy

pregnancy and lactation (see "man-and Lactation).
 WARN/NGS: Hypotension in hypertensive patients without other co-morbid conditions. As with ACE inhibitors, symptomatic hypotension may be expected to occur in solumivolume-depleted patients such as those treated vigorously with directics and/or salt restriction, or on hemodalysis. Volume and sodium-depletion should be corrected before initiating therapy with APROVSAC or a lower starting does should '------interest

be considered. Featuremental morbidity and mortality: Although there is no experience with irbestratin in pregnant women, in utero exposure to ACE inhibitors given to pregnant women during the second and third irbinisters of gestation has been reported to cause injury and death to the developing fetus. Thus, as for any drug that also acts directly on the remin-angiotensi-addextores or gestand, and the second and the discontinued as soon as possible. Patients with heart fullare: In a long-term, placebo controlled study (PRAISE-2) of malodipine in platents with FNFA fullar II and IV heart failure of nonischemic eitology, andodipine materia with heart fullare in a long-term of plannaury edema depate no signific enaut difference in the malcheed of worseming been dama depate no signific enaut difference in the malcheed of worseming been failure as compared to the second of worseming been failures to second the development of the malcheed of worseming been failure as compared to the second act of the second end of the second plane the second plane the second end of the second plane the second end

placebo (see Pharmacodynamics).

toVASC should therefore be administered with caution in these patients. ertensive crisis: safety and efficacy of APROVASC in hypertensive crisis has not been

established. 6 GENERAL-PRECAUTIONS: As a consequence of inhibiting the renin-angiotensin-aldocterone system, changes in renal function may be anticipated in susceptible individuals. In particulars whose renal function depends on the activity of the renin-angiotensin-aldocterone system (hypertensive patients with renal artery stenois in one or both kidneys, or patients with severe congositive hear failancy, treatment with ohier drugs that affect this system has been associated with oligaria and/or progressive azotenina and rarely with user term failance and/or death. The possibility of a similar effect occurring with the use of an angiotensin II receptor anagonisi, including itbestran, cannot be excluded. *Geriatric user:* Among patients who received rebustrant to infinical studies, no overall differences in efficacy or safety were observed between older patients (65 years or older) and younger patients. difference older) and

Pediatric use: Safety and efficacy in pediatric patients have not been established. 7. RESTRICTIONS DURING PREGNANCY AND LACTATION:

7. RESTRICTIONS DURING PRECNANCY AND LACTATION: Pregnancy: There are no adequate and well-controlled studies in pregnant women. APROVASC is contraindicated during pregnancy. APROVASC is contraindicated during pregnancy: APROVASC is contraindicated during pretrain unless effective contraception is used. When pregnancy is detected during therapy with APROVASC, transment shall be discontinued as soon as possible (see section 6. Contraindications and Warnings). Leadning mothers: APROVASC is contraindicated during lacation (see section 6.

Contraindications). 8. SIDE-EFFECTS AND ADVERSE REACTIONS: ADVERSE EVENTS: Because clinical trials are conducted under widely varying conditions, adverse reaction rates observed in the clinical trials of a drug cannot be directly compared to rates in the clinical trials of another drug and may not reflect the rates observed in practice.

arrectly compared to rates in the clinical trials of another drug and may not reflect the miss observed in practics. Inbeatrant has been evaluated for safety in approximately 5000 subjects in clinical studies, including 1300 hypertensive praients treated for over 6 months and more than 400 patients treated for varies in the distribution of the

Table 1 - Adverse Events Reported in Irbesartan Clinical Trials or

| | Common(a) | Uncommon(b) | Unknown |
|---|------------------------|-----------------------------------|--|
| Immune system disorders | | | Hyperesensitivity reactions |
| Metabolism and nutrition disorders | | | Hyperkalemia |
| Nervous system disorders | Dizziness, headache | Orthostatic dizziness | |
| Cardiac disorders | | Tachycardia | |
| Respiratory, thoracic and mediastinal disorders | | Cough | |
| Gastrointestinal disorders | Nausea vomiting | Diarrhea, dyspepsia/ heartburn | |
| Hepatobiliary disorders | | | Jaundice, elevated liver function tests, hepatitis |

| Musculoskeletal and connective tissue disorders | | | Myalgia |
|--|----------------|-----------------------|---|
| Renal and urinary disorders | | | Impaired renal function including isolated cases of renal failure in patients at risk |
| Reproductive system and breast disorders | | Sexual dysfunction | |
| General disorders and administration site conditions | Fatigue, edema | Chest pain | Asthenia |

Sinc contained a luclude all adverse events, probably or possibly related, or of uncertain relationship to therapy, whatever their incidence in the placebo-reared patients builded all diverse events, probably or possibly related, or of uncertain relationship to therapy, occurring with a frequency of 0.5% to <1% and at similar or slightly increased incidence in thesaurun-reacted patients than in placeboreated patients (none of hem were statistically significantly different between the 2 treatment groups Reambaffing to have how how more more only in uncluding with an excitatorial to access the place of the p

If the equation of the second second

Table 2 - Adverse Events Reported in Amlodipine Clinical Trials

| Common Dizziness, headache, | Uncommon Insomnia, mood changes | Very rare Thrombocytopenia Allergic reaction Hyperglycemia |
|-----------------------------------|--|--|
| Dizziness, headache, | Insomnia, mood changes | Thrombocytopenia Allergic reaction Hyperglycemia |
| Dizziness, headache, | Insomnia, mood changes | Allergic reaction Hyperglycemia |
| Dizziness, headache, | Insomnia, mood changes | Hyperglycemia |
| Dizziness, headache, | Insomnia, mood changes | |
| Dizziness, headache, | | |
| somnolence | Hypoesthesia, paresthesia, tremor, taste perversion, syncope | Peripheral neuropathy |
| | Visual disturbances | |
| | Tinnitus | |
| Palpitations | | Myocardial infarction, arrhythmia, ventricular tachycardia and atrial fibrillation |
| Flushing | Hypotension | Vasculitis |
| | Dyspnea, rhinitis | Coughing |
| | | |
| Nausea, abdominal pain | Dyspepsia, vomiting, altered bowel habits, dry mouth | Pancreatitis, gastritis, gingival, hyperplasia |
| | | Hepatitis, jaundice and hepatic enzyme elevations (mostly consistent with cholestasis) |
| | Pruritus, rash, | Angioedema, |
| | purpura, increased sweating, skin discoloration, alopecia | erythema multiforme, urticaria |
| | Arthralgia, muscle cramps, myalgia, back pain | |
| | Increased urinary frequency, micturition disorder, nocturia | |
| | Impotence, gynecomastia | |
| Fatigue, edema | Chest pain, asthenia, malaise, pain | |
| | weight increase, weight decrease | |
| | Dizziness. Instache, commodence Plapitations Flushing Plapitations Plashing Plapitations Plashing Plapitations Plapitation | Dizziness, Hypoesthesia, penetsia, pendache, laste perversion, system Visual disturbances Tinninas Palpitations Flushing Hypotension Dyspnea, rhanitis Nausea, Dyspepsia, voniting, altered bowel habits, altered bowel |

In the clinical trials comparing the fixed-dose combination irbesartan' antiodipin either irbesartan or antiodipine monotherapy, the types and incheases of rearma emergent adverse events (TEAS) possibly related to study reatment were simila those observed in the earlier monotherapy clinical trials and postmarketing reso-tifs most frequently reported adverse event was peripheral edema, mainly associ-tize most frequently reported adverse event was peripheral edema, mainly associ-

The most inequency representation of the most inequency ratio is used, when applicable: The following CIOMS frequency ratio is used, when applicable: Fey common $\geq 100\%$ Common ≥ 1 and <10%. (Incommon ≥ 0.1 and <1%. Rare \geq 0.01 and < 0.1%. Very rare < 0.01%. Unknown (cannot be estimated from available

| Those 5 - Includent Lancingent Autorise Estents Consulted Toology Related to |
|--|
| Study Drug in Irbesartan/Amlodipine Clinical Studies |
| (I-ADD, I-COMBINE and I-COMBO) |

| (I-ADD, I-C | OMBINE and I-COMBO) | |
|---|--|--|
| | Common | Uncommon |
| Irbesartan monotherapy | | |
| General disorders and administration site conditions | | fatigue |
| Ear and labyrinth disorders | vertigo | |
| Nervous system disorders | dizziness | headache |
| Gastrointestinal disorders | upper abdominal pain, nausea, tongue disorder | diarrhea |
| Skin and subcutaneous | | alopecia |
| tissue disorders | | |
| Injury, poisoning and procedural complications | | fall |
| Amlodipine Monotherapy | | |
| General disorders and administration site conditions | peripheral edema | edema, facial edema |
| Ear and labyrinth disorders | | vertigo |
| Gastrointestinal disorders | glossodynia | |
| Nervous system disorders | dizziness | headache |
| Respiratory thoracic and | cough | |
| mediastinal disorders | | |
| Skin and subcutaneous tissue | contact dermatitis | |
| disorders | | |
| vascular disorders | hot flush | flushing |
| Irbesartan/amlodipine Fixed Com | bination | |
| General disorders and | peripheral edema. | asthenia |
| administration site conditions | edema | |
| Ear and labyrinth disorders | | vertigo |
| Cardiac disorders | palpitations | sinus bradvacardia |
| Nervous system disorders | dizzines, headache, | parathesia |
| | somnolence | • |
| Reproductive system and breast disorders | | erectile dysfunction |
| Respiratory, thoracic and mediastinal disorders | sinus bradvacardia | cough |
| Vascular disorders | orthostatic hypotension | hypotension |
| Gastrointestinal disorders | gingival swelling | nausea, upper abdominal pain, constipation |
| Renal and urinary disorders | proteinuria | azotemia, hypercreatinemia |

| n Irbesartan/Amlodipine Clinical Studies (I-ADD, I-COMBINE and I-COMBO) | | | |
|---|--------|----------|--|
| | Common | Uncommon | |
| Irbesartan/amlodipine Fixed Combination | | | |
| | | | |

| Metabolism and nutrition disorders | | hyperkalemia |
|---|----------------|---|
| Musculoskeletal and connective issue disorders | | joint stiffness, arthralgia, myalgia |
| INTERACTIONS WITH | OTHER DRUGS AN | D OTHER FORMS O |

INTERACTION:

INTERACTION: For irbestrate and amlodipine combination: Based on a pharmacokinetic study where irbestrata and amlodipine were given alone or in combination, there is no pharmacokinetic interaction between irbestrata and amlodipine. No drug interaction studies have been performed with APROVASC and other o drug in adicinal n oduote

Irbesartan: Based on in vitro data, no interactions would be expected to or

Indexamp. Based on in viro data, no interactions would be expected to occur with logge which metabolism depends on crychorbone PK91 losonzymes CYP1A1, CYP1A2, CYP2A6, CYP2B6, CYP2D6, CYP2E1 or CYP3A4. Ibesartain is piromispin metabolical by CYP2C9, however, during clinical interaction studies no significant plarmacolynamic interactions were observed when irbesartain was co-administention with wafer fine interactions were observed when irbesartain was co-administentic parameters of irbesartain are not affected by co-administeration with infediptine onlynchrotheory and the plarmacokinetics of simvastatin (metabolized by CYP3A) or digoxin (unbarte of P-glycoprotein efflux transporter). Based on experience with the use of other drugs that a ect the remis angiotensin system, concomission insubarte of P-glocoprotein efflux transporter). Based on experience with the use of other drugs that a ect the remis angiotensin system, concomissing by co-administered with thiazide durietics, beta blockers, alpha blockers, angiotensis-converting enzyme inhibitors, long-acting intrates, sublinga glyceryl trinitae, non-steroid ani inflammatory drugs, antibiotics, and oral bypoglycenic drugs.

antibiorics, and orai nypogrycemic arugs. Data from in vitro studies with human plasma indicate that amlodipine has no effect on the protein binding of studied medicines (digoxin, phenytoin, warfarin or

Data non an internet and a statistical sta cokin

pharmacokinetics of anilodiptine. Gangerhain jusce Co-administration of 240 nL of graperfauit jusice with a single oral dose of antiodiptice 10 mg in 20 healthy volunteers had no significant effect on the pharmacokinetics of anilodiptine. *Sildenafil: When anilodiptine and sildenafil were used in combination, each agent independently screened is own blodo pressure lowering effects. *Atorvastatin: Co-administration of multiple 10 mg doses of anilodiptine with 80 mg af atorvastatin resulted in no significant change in the study-state pharmacokinetic parameters of anorxastatin. Digoxin: Co-administration of anilodiptine with digoxin did not change serum digoxin liveks or digoxin real clearance in healthy volunteers. *Sevenes time.

response time. Cyclosporine: Pharmacokinetic studies with cyclosporine have demonstrated that analodipine does not significantly alter the pharmacokinetics of cyclosporine. 10. PRECAUTIONS RELATED TO CARCINOGENESIS, MUTAGENESIS AND FERTILITY:

tan.

<u>Identifies</u>. <u>Identifies</u> was observed with administration of irbestran at doses of up to 5001000 mg/kg/day in ran (maleformale, respectively) and 1000 mg/kg/day in mice for up to 29 years. These doses provided a systemic response 4-25 times (ratis) and 4-6 times (mice) the exposure in humans receiving 300 mg/day. Hesstarta was no mutagenic in a battery of *ir with* rosts (Ames microhial test, rat hepatacyte DNA repair test, V79 mammalian-cell forward gene-mutation assay). Fertily and repressive in several tests for inducement of chromosomal alternations (*in vitro*-human lymphocyte assay; *in vivo*-mose micromcleus study). Fertily and repreductive performance were not affected in studies of male and fermal rats even at doses causing some purental toxisity (up to 650 mg/kg/day). Not significant effects on the number of corpara lates, inplants, or itre fenuess were observed. Ibestram did not affect survival, development, or reproduction of offspring.

other test, intestanti un un airect surviva, uevenojanta, io reproduction or fispring. Transient toxic effects (increased renal pelvic cavitation, hydrourester or subcutaneous edema) in rat fetuses were observed at doses of 50 mg/kg/day or higher, which resolved after birth. In rabbits, maternal motulity, abortion and early resorption were observed at doses of 30 mg/kg/day. No teratogenic effects were observed in the rat or

rabbit. *Carcinogenesis:* Rats and mice treated with amlodipine in the diet for two years, at concentrations calculated to provide daily dosage levels of 0.5, 1.25 and 2.5 mg/kg/day showed no evidence of carcinogenicity. The highest dose (similar to the maximum recommended human dose of 10 mg on a mg/m² basis for mice, and about vice't this maximum dose for rails was close to the maximum tolerated dose for mice but not for rats. Mutagenesis: Mutagenesis studies revealed no amlodipine related effects at either

aus. s: Mutagenesis studies revealed no amlodipine related effects at either me levels

the gene or chromosome levels. Infertility: There was no effect on fertility in rats treated with amlodipine (males for 64 days and females for 14 days prior to mating) at doses up to 10 mg/kg/day (8 times* the maximum recommended human dose of 10 mg on a mg/m² basis). * Based on a 50 kg patient. 11. DOSAGE AND ADMINISTRATION:

IL DOSAGE AND ADMINISTRATION: The swall initial and mainstrunce does of APROVASC is one tablet per day. APROVASC can be administered with or without food. APROVASC can be administered with or without food. APROVASC can be administered with infessarian or antiodipine or for continuation of thetary for paritients receiving infessarian and andiophine as separate tablets. Does should be individualized based on response to therapy with individual components and antihypetensive response required. The maximum recommended does with APROVASC is 300 mg/10 mg per day. Therapy should be adjusted according to bload pressure response. Pediatric patients: The safety and efficacy of APROVASC has not been established. Edderly patients and patients with impaired renal function (regardless of degree).

(regardless of degree).

(regaratess of degree). Patients with impaired hepatic function: Due to the presence of amb APROVASC should be administered with caution (see section 6, Warnings).

SIGNS AND MANAGEMENT OF OVERDOSAGE OR ACCIDENTAL

For original administration
L: SIGNS AND MAAAGEMENT OF OVERDOSAGE OR ACCIDENTAL DTAKE
Experince in andia exposed to dose of up to 900 mg/day irbestrant for 8 vecks Experince in andia exposed to dose of up to 900 mg/day irbestrant for 8 vecks overdosage with irbestrata, Available data for amodipine suggest that gross overdosage vector iroutic probability prolonged systemic hypotension up to andi including shock with fand outcome have been reported. The patient should be closely monitored, and the treatment should be symptomatic and supportive.
Suggested measures include gastic loarge. Administration and possibly reflex tachycardia. Market and probably prolonged systemic hypotension up to and loading shock with fand outcome have been reported. The patient should be closely monitored, and the treatment should be symptomatic and supportive.
As and objine is highly protein bound and irbeartarin is not removed from the body by hemodilayis, benediayis in our likely to be of benefit.
If mean the symptomic order of the statistic strive cardioxardur symptomic including shock that due to the string in the other string.
If mean the symptomic order of the string in the string string in the other should be string in the rest mean admini-tion and string in reversing the effects of carkum channel blockake.
If administration is a string in the string in the string string in the string.
If administration is a string in the string.
If administration is a string in the string.
If administration is a string in the strin

Exclusive literature for physicians keep out of the reach and sight of childrer

Prescription only medicine. Do not use during pregnancy and breastfeeding.

This leaflet was last approved in February 2014. Manufactured by Sanofi-Aventis de Mexico S.A. de C.V, Mexico Packed by Benta S.A.L.,

(BPI)

This is a medicament - A medicament is a product which affects your health, and its co This is a medicannet: A medicannet is product which affects year heats, as a contrary to instructions in diagrams of the year. Follow much the doctor's prescription, the method of use, and the instructions of the plannacist we solid the medicances: The doctor and the plannacist we solid the medicances to and the years of the structure of the structure of the medicance of the same prescription without consulting your doctor waves the same prescription without constituting your doctor Dbayeh - Lebanon yourself interrupt the person on _____ peat the same prescription without consulting your doctor ent: keep out of reach of children Council of Arab Health Min Union <u>of Arab Pharmaci</u>

Frequencies of adverse reactions from postmarketing experience are unknown, as these reactions are reported voluntarily from a population of uncertain size.