¥ # ...

Mostabelt, A. C., Indianapolis

co: Dr. M. J. Damberg S. Heymanns B. v. Keitz Dr. E.-T. Weber h. . night. F., Indianapolis

· Incret

version of the solution in and patrent a solution in a sol ense find enclosed the simelvers fort (physician's encl. and encl. 2 -). All but change has we additionally included the inted in the paper by Sterner et Please find enclosed the (version of 1 lest (physician's the intere

se note that in Germany patient's information is distribu-with each only so based on the cocare recommendations in the physician's information following cojustments have been made for the different attempths: expusiments have been made for

"If not prescribed differently by the physician it is recommended to administer Fluctin once taily, preferably in the morning. Ingestion with food is possible".

- t ... to courty I capsule d is the elderly and patients with less body weight maximum dose sid not speed capsules of Fluctic 20'd. is protects with general liver impairment helf of the scheduled that about the protect, i.e. I capsule every indicating up to 2 cap-

A case of 1-2 capsules/d is recommended. In patients with severe . Ver impairment half of the scheduled dose should be given, i.s. causale every second day up to 1 capsule/d.

2/...

EXHIBIT

D1.8/F1/219

H.N. SOLCE 5

Fluctin 40
A dose of 1-2 capsules/d is recommended. In the elderly and patients with less body weight maximum dose should not exceed to scheduled dose should be given impairment half of the capsule/d.

The scheduled dose should be given introduced every second to up to 1 capsule/d.

Fluctin 60
A Case of 1 capsule per day is referred. In partent with severe liver impairment half of the schooled does stoud be given, i.e. 1 capsule every secting directly described.

We assume your approval unless to fed differently till Dec. 15. We applicate for that tough decline but would run otherwise into troubles with our own timeframe

Also we send you a trenslation of our proposed response for the BGA (encl. 3).

second expect opinion on phospholipidosis (encl.) and the downer ation on suicide cestures compiled ere it had Homburg tend. 5). (The case summaries Dr. Wernicks sent are attached but will be included, too. We would appreciate your comments also

Regards

Dr. H. N. Schulze-Colce

£--:

Pz2467

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Physician's Information

Fluctin

- 1. Name of Drug: Fluctin 20/30/40/60
- 2. Regulations for distribution:

on prescription

This drug contains a substance of which the action is not component to the medical science and the which the manufacturer has to submit an experience report to responsible tederal authority according to \$ 49/6 LMG.

3. Indication group, active components:

antidepressant

Fluctin 20, one capsule contains 22.4 mg sluckehine hydrochloride

Fluctin 30, Fluctin 40 etc.

4. Indications: As in patient's information

As in patient's intermetion (the name procedution statements)

6. Side afforts.
Following saverage events have been observed in clinical trials listed according to descending frequency of occurence:

Weight loss is a frequent observation with Fluctin treatment. Patients with porsel waight lost 1 kg on the average during a 6 week treatment period and overweight patients 2 kg. Occasionelly rath occured, which was very rarely accompanied by arthralgia and fever. In such cases it may become necessary to discontinue Fluctin and if necessary treat with corticosteroids temporarily.

Depressed laurocyte counts and elevation of serumtransaminases

7. Interactions:
 Fluctin shall not be coadministered with MAO-inhibitors, MAOinhibitors shall be discontinued at least 2 weeks before start
of treatment with Fluctin. Also the concomitant use of tryptophane shall be avoided.
There are only limited experiences available concerning the
concomitant application of electroshock-therapy.
Flimination of diazepam was prolonged in interaction studies
in volunteers. Oberscrvations suggesting a significance of
this effect had not been made in clinical trials.

Based on the currently available investigations in volunteers there is no evidence for interactions with alcohol, barbiturates, oral antidiabetics and thiazide-diuretics.

No interactions had been observed in climical trials when antihypertensives, analogsics, chloralhydrate and benzodiazepics thyroid-hormones, antihistamines, antibiolog, cimetidine, antacids, or lithium were administered. Alcohol has to be avoided during freezent although in specific investigations no amplification of the elcohol action by Fluctin had been observed.

- 8. Warning statements: None
- 9. Most important incompatible :
- The dose is 20 8. mg flucketine per day. Usually treatment with 20 mg flucketine per day is sufficient.

 Fluctin may be administered once daily preferably in the morning. It may be administered with food.

 In severe impairment of liver function plasma clearance of fluoxetine is reduced. Therefore only half of the scheduled dose may have to be administered. This may be done by alternate administration every and day.

 Although plasma clearance in the elderly was not different from normal patients in specific investigations, a maximum dose of elderly and patients with low body weight.
- li. Kind of application dynation of treatment:

 Liuctin is for ora use.

 Up to now there are experiences with treatments up to find example tases.
 - Note than 20 cases of overdosace have been reported during clinical trials. In all cases in which Fluctin was the only druc ingested patients survived. The highest dose ingested was approx. 3000 mg. In this case 2 brief seizures were observed. Commonly the clinical symptoms consisted of dizziness, severe arrhythmias did not occur.

 Primary detoxication on the day of ingestion by gastric lavage may be useful, while diuresis, dialysis or haemoperfusion of distribution of Fluctin.

13. Pharmacology, toxicology: Pharmacology:

The mechanism of action of fluoxetine as an antidepressant appears to be its inhibition of serotonin reuptake at synaptic

appears to be its inhibition of serotomin rewrites at symptic nerve terminals.

Animal studies suggest that in contrast to tricyclic anticompressants fluoxetine in therapeutic does in the not inhibit catecholamine reuptake and that there is no threat action on neurotransmitter receptors such as inclinary, adrening the neurotransmitter receptors such as inclinary, adrening the network of the near that there is not interpreted to the near that the network of the near that the network of the near that the network of the network of the near that the network of the network o

Up to now, there are no data available concerning distribution of fluoretide is erebrospinal fluid, breast milk or concerning transplacental diffusion in humans.

Toxicology Carcinogenicity, mutagenicity, fertility and teratogenicity studies did not reveal any abnormalities.
Mice, rats, and dogs which had been given fluoxetine for 3 - 12 months showed phospholipid accumulation in lung, liver, adrenal and retina. These changes were all reversible and not characterized by clinical symptoms or other toxic sequelae.

Specific studies in volunteers and patients particularly in comparison to compounds which are known to induce phospholipidosis in humans revealed no findings suggesting similar abnormalities in humans by fluoxetine.

- There is no indication of any toxic asylor fluctin on the offspring. However, during pregnancy forth especially during Patients with severe impairment of the an adjustment of dose must be performed (see dostre) fluctin does not have scatting properties. In adjustment of the an adjustment of dose must be performed (see dostre) fluctin does not have scatting properties. In adjustment of the action of the start of treatment with flucting the medication at the start of treatment with flucting medication at the start Manic and psychotic states have been reported in single cases in susceptible patients. Until the antidepressive frect occurs particular severe depressive patients and patients with faircast risk have to be observed sufficiently. According to cuffently available investigations no impairment is to be expected while operating rachines and driving cars to be expected while operating rachines and fully the individual reaction. According to today's common clinical practice liver specific enzyma concentrations and haemotologiced parameters should be data mined in regular intervals particularly in lengtarm treatment.
- 15. Stability:
 After expiry date Riuctin shall not be administered.
- 16. Recommendations for atorage:
 None, Fluctin may be stored with room temperature.
- Fluctin 70, Fluctin 30, Fluctin 40, Fluctin 60
- 18. Date of incomation: December 1981
- 19. Company:
 Eli Lilly GmbH
 Teichweg 3
 D-6300 Gießen

PATIENT'S INFORMATION

Eli Lilly GmbH Gießen

Fluctin 20 Active component: Fluoxetine Hydrochloride

Composition: 1 capsule contains 22.4 mg fluoxetire hydrochloride equivalent to 20 mg fluoxetine

Indication:
Fluctin is indicated for the treatment of depressive syndromes of depressions.

depressions.

Contraindications:

Eypersensitivity to fluoxetine.

Treatment of children and adolescents up to la years with Fluctin is not recommended since no children experiences are available for this group of age.

Fluctin should not be administered to nursing nothers.

Precaution:
There is no indication of toxic influence on the offspring. However, fluctin only should be administered curing pregnancy particularly during the first phrae panths when garaful benefit risk assessment has been made by the physician.

In patients with severe impairment of function, the metabolism of Fluctin is prolonged, so that adjustment of dose has to be performed (see docate).

The following side effects may occur: nausea, headache, nervousness, sleeplessness, anxiety, drowsiness, diarrhea, dry mouth, tremor, sweating, anorexia, distincts, dyspepsia, constipation, asthenia, disturbance of vision, comiting, sedation, pruritus. Many of these events are symptoms of depression and most of them subside during course of treatment.

Slight weight loss is a frequent event occurring with treatment of Fluctin.

Occasionally rush may occur which very rarely is accompanied by arthralgia and fever. In these cases Fluctin shall not be continued and the treating physician shall be consulted.

Decrease of white blood count or elevation of liver enzymes were rarely observed.

Precaution:

Fineth lacks sedating effects. In agitated patients or patients suffering from significant sleep disturbances, additional application of a sedative is recommended at beginning of the treatment. Until antidepressive actions become effective, patients are to be observed sufficiently.

Pz2467

According to currently available investigations no impact is to expect on operating machines and driving cars. However, it is recommended to observe the individual reaction carefully.

Interactions:
Fluctin shall not be administered concomitantly with MAO-inhibitors
MAO-inhibitors have to be discontinued at the two weeks before
treatment with Fluctin is initiated. A concomitant therapy with
tryptophan should also not be performed
Elimination of diszepan may be slightly real-cased.
Up to now no interactions have been observed with concomitant
administration of barbiturates or other redating and sleaning agents,
thyreoid-hormones, antihistamines sotibiotics, and idine and
other gastric acid inhibiting drups or lithium, alcohol is to
amplification of the action of alcohol was observed.

Dosage and usage:

If not prescribed differently by the physician it is recommended to administer Fluctin once daily, preferably to the morning. Ingestion with food is possible.

The dose is 1 to 4 calcular FLUCTIV 20 per day. Usually, treatment with one capsule/cay FECCIN 20 is sufficient. In the elderly and patients with less bady weight the case should not exceed 3 capsules FLUCTIV 20 per day. In patients with severe impairment of liver function the dose should be haived, that means 1 capsule every second day to 2 capsules per day.

After expiry date Fluctinghal not be administered.

Drugs have so be stored thaccessible for children.

Eli Lilly GmbH Gießen

Fluctin 30 Active component: Flucketine Hydrochloride

Composition: 1 capsule contains 33.6 mg flucxetine hydrochloride equivalent to 30 mg fluoxetine

Indication:
Fluctin is indicated for the treatment of depressive syndromes of depressions.

Contraindications:
Hypersensitivity to fluoxetine.
Treatment of children and adolescents up to 18 years with Fluotin is not recommended since no finical experiences are available for this group of age.
Fluotin should not be admir: stered to nursing cothers.

Precaution:
There is no indication of toxic influence on the offspring. However, Fluctin only should he administered during eyegnancy particularly during the first three manths when pareful benefit risk assessment has been made by the physician.

In patients with severe impairment of liver function, the metabolism of Fluctin is prolonged, so that adjustment of dose has to be performed (see dobage)

Side Effects.

The following side effects may occur: nauses, headache, nervousness, sleeplessnass, anxiety, drowsiness, diarrhea, dry mouth, tremor, sweating, anefexia, diviness dyspepsia, constipation, asthenia, disturbance of vision, womiting, sedation, pruritus, Many of these events are symptoms of depression and most of them subside during course of treatment.

Slight weight Oss 18 frequent event occurring with treatment of Occasionally rush may occur which very rarely is accompanied by arthralgia and fever. In these cases Fluctin shall not be continued and the treating physician shall be consulted. Decrease of white blood count or elevation of liver enzymes were rarely observed.

Precaution:
Fluctin lacks sedating effects. In agitated patients or patients suffering from significant sleep disturbances, additional application of a sedative is recommended at beginning of the treatment. Until antidepressive actions become effective, patients are to be observed sufficiently.

Pz2467

According to currently available investigations no impact is to expect on operating machines and driving cars. However, it is recommended to observe the individual reaction carefully.

Interactions:
Fluctin shall not be administered concomitantly with MAO-inhobitors
MAC-inhibitors have to be discontinued at least two weeks before
treatment with Fluctin is initiated. A comparatent therapy with
tryptophan should also not be performed.
Flimination of discepan may be slightly barlonged.
Up to now no interactions have been observed with concomitant
administration of barbiturates or other specifing and sleening agents,
thyrepid-hormones, antihistamines antihiotics, checking and
avoid during treatment although in specific investigations no
amplification of the action of alcohol was absenced.

Dosage and usage:

If not prescribed differently by the prosing and is recommended to administer Fluctin once daily, preferably in the morning. Ingestion with food is possible.

The dose is 1 to 2 capsules FLUCTIA 30 per day. In patients with severe impairment of liver function the dose should be halved, that means 1 capsule every second on the dose should be referred.

After expiry date Plactin shall not be administered.

Drugs have to be stored inaccessible for children.

Eli Lilly GmbH Gießen

Fluctin 40 Active component: Fluoxetine Hydrochloride

Composition: 1 capsule contains 44.8 mg fluoxetine hydrochloride equivalent to 40 mg fluoxetine

Indication:
Fluctin is indicated for the treatment of depressive syncromes different origin as for example endogenous, neurotic and resolute

Contraindications:

Hypersensitivity to fluoxetine.

Treatment of children and adolescents up to 18 years with Fluctin is not recommended since no children experiences are available for this group of age.

Fluctin should not be administered to nursing mothers.

Precaution:
There is no indication of toxic influence on the offspring. However, Fluctin only should be administered during pregnancy particularly during the first three months wher fareful benefit risk assessment has been made by the physician.

In patients with severe impairment at liver function, the metabolism of Fluctin is profonded, so that adjustment of dose has to be performed (see doses).

The following side effects may occur: nausea, headache, nervousness, sleeplessnass, anxiety, drowniness, diarrhea, dry mouth, tremor, sweating, anorexia, distincts, dyspepsia, constipation, asthenia, disturbance of vision comiting, sedation, pruritus. Many of these events are symptoms of depression and most of them subside during course of ureatment.

Slight weight loss is a frequent event occurring with treatment of Pluctin.

Occasionally rush may occur which very rarely is accompanied by arthralgia and fever. In these cases Fluctin shall not be continued and the treating physician shall be consulted.

Decrease of white blood count or elevation of liver enzymes were rarely observed.

Precaution:
Fluctin lacks sedating effects. In agitated patients or patients suffering from significant sleep disturbances, additional application of a sedative is recommended at beginning of the treatment. Until antidepressive actions become effective, patients are to be observed sufficiently.

According to currently available investigations no impact is to expect on operating machines and driving cars. However, it is recommanded to observe the individual reaction carefully.

Interactions:
Fluctin shall not be administered concomitantly with MAO-inhibitors have to be discontinued at less two weeks helper treatment with Fluctin is initiated. A concomitant therapy with cryptophan should also not be performed.

If to now no interactions have been observed with concomitant administration of barbiturates or other selecting and sleeping agents, thyreoid-hormones, antihistamines extibiotics, finetiding and avoid during treatment although in specific investigations no amplification of the action of alcohol was observed.

Dosage and usage:

If not prescribed differently by the physician it is recommended to administer Fluctin enca daily, preferably is the morning. Ingestion with food is possible.

The dose is 1 to 2 capsules FLUCTIV to per day. In the elderly and patients with less hoor weight the dose should not exceed 1 capsule FLUCTIV 40 per day. In patients with severe impairment of liver function the dase should be halved, that means 1 capsule every day.

After expiry date fluctin shart not be administered. Drugs have to be stored inaccessible for children.

Pz2467

Eli Lilly Gmh4 Giatan

Fluctin 60 Active component: Fluoxetine Hydrochloride

Composition: 1 capsule contains 67.2 mg fluoxetine hydrochloride equivalent to 60 mg fluoxetine

Indication:
Fluctin is indicated for the treatment of depressive syndromes of depressions.

depressions.

Contraindications:
Hypersensitivity to fluoretine.
Treatment of children and adolescents up to 18 years with Fluctin is not recommended since no children experiences are available for this group of age.
Fluctin should not be administered to nursing mothers.

Precaution:
There is no indication of toxic influence on the offspring. However, fluctin only should be admitted to the offspring particularly during the first three months when fareful benefit risk assessment has been made by the physician.

In patients wird severe impairment of the function, the metabolism of Fluctin is proponed, so that adjustment of duse has to be performed (see accase).

The following side effects has occur: nausea, headache, nervousness, sleeplessness, anxiety, drowsiness, diarrhea, dry mouth, tremor, sweating, anotexia, diriness, dyspepsia, constipation, asthenia, disturbance of vision, woriting, sedation, pruritus. Many of these events are symptoms of depression and most of them subside during course of treatment.

Slight weight loss is a frequent event occurring with treatment of Fluctin.

Occasionally rush hay occur which very rarely is accompanied by arthralgia and sever. In these cases Fluctin shall not be continued and the treating physician shall be consulted.

Decrease of white blood count or elevation of liver enzymes were rarely observed.

Precaution:
Pluctin lacks sedating effects. In agitated patients or patients suffering from significant sleep disturbances, additional application of a sedative is recommended at beginning of the treatment. Until antidepressive actions become effective, patients are to be observed sufficiently.

According to currently available investigations no impact is to expect on operating machines and driving cars. However, it is recommended to observe the individual reaction carefully.

Interactions:
Fluctin shall not be administered concomitantly with MAO-inhibitors.
MAO-inhibitors have to be discontinued at least two weeks before
treatment with Fluctin is initiated. A conformant therapy with
tryptophan should also not be performed.
Flinination of diszepan may be slightly prolonged.
Up to now no interactions have been observed with congamitant
administration of barbiturates or other sedating and slearing agents,
thyreoid-hormones, antihistamines antibiotics, circulatine and
thyreoid-hormones, antihistamines antibiotics, circulatine and
avoid during treatment although in specific investigations no
amplification of the action of dreahol was observed.

Dosage and usage:

If not prescribed differently by the physician is is recommended to administer Fluctin the Saily, preferably in the morning.

The dose is 1 capsule FLUCTIN 60 per day in patients with severe impairment of liver function the dose should be halved, that means 1 capsule every second day.

After expiry date fluctin shall not be administered.

Drugs have to be spored inaccessible for children.

Translation of our answer letter to the BGA

Dear ladies and gentlemen,

In reply to your letter of Feb. 26, 1985 we would like to inform you of the following: after careful consideration of the arguments brought forward as well as of the benefit and the potential risks of the preparation we cannot share the opinion that registration should be rejected Reasons for a rejection are not applicable.

Re.: 1.

It is not true that the therapeut to efficient of flucketing has

Re.: 1.1

Two expert opinions, written in 1985 on the basis of the data also submitted to you at that time, are concluding that the efficacy of fluoxetina has been established and that the profile of action has been sufficiently theracterized.

(attachment 2) creachment 1).

An expert opinion of Aug. 31 1866 written for the application for registration in the U.K. also considers the efficacy as established (), attachment 3).

The methodical criticism salassification of the depressions in the inclusion criteria wash-out phase, concomitant treatment with other psychotrapic agents, selection of control preparations) seems to us incomprehensible after our extensive comments of October 184. This opinion is also expressed in the expert opinions by and and is thoroughly discussed there.

2/ ...

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BVY / BEU/1815

A reanalysis of the results of study protocol 27 already submitted where only the patients were considered who were administered fluoxetine or the control substance respectively without additional psychotropic therapy (analysis of Apr. 03, 1985; volume 55, p. 00-121) shows no essential difference compared to the evaluation of Aug. 14, 1984 (volume 49, p. 1-172) where all patients with or without psychotropic concomitant medication were included.

Controlled Finical trials versus comparator drugs over a period of more than 6 months are uncommon. There are also ethical objections as well as technically organisational problems in carrying them out.

Safety data are generally presented in open studies especially when they exceed a period of 5 months.

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BVT:/PEU/1915

as well as judged in their expert opinions the data presented already in 1984 as being sufficient.

Meanwhile these data have also been published. The authors have come to the conclusion that fluoxetine is safe and effective in long-term therapy (attachment 15).

A further analysis including a comparison of adverse event clusters in short-term and in long-term in istration is presented in the FDA safety update of Cune 1986 (attachment 18, report no. 62, volume 54). Based on this evaluation Montgomery too concludes (attachment 3) that fluoxetine is effective and well tolerated in long-term the says.

So far, there are no seports on development of dependence.

Re.: 2

We see no suspicion of unjustified adverse effects in fluoxetime.

Se.: 2.1

The updated summary of all suicidal actions worldwide (deadline Aug. 31 1986) amounts to 2 in the fluoxetine therapy group and in the total of the centrol groups there are 15 cases (attachment 11)

6903 patients were treated with fluoxetine and in the control group there were 2310 patients. According to this the incidence rate for fluoxetine results in 0,005 and for the control group in 0,0065. The difference is not significant.

This incidence is considerably below the frequency reported for depressive populations attachment 13).

4/ ...

The analysis of the time of occurrance in the individual cases shows that suicidal actions occur neither mainly in the initial phase nor can they be attributed to plasma concentrations increasing to the steady state. Instead they are distributed over the entire duration of exposure up to events following 3 years of long-term administration (attachment 11, table 9). This indicates a genesis immanent due illness rather than induced by the substance. It is therefore justified to relate the reported suicidal actions to the duration of exposure in the individual therapy groups for fluorerine the therapy duration is 1168 and for the control groups it is 32 patient years. The incidence rates of 0.054 for fluoretine and of 0.043 for the control groups. This difference is also not significant.

The analysis (attachment 11) shows - according to the principle of chance - different fates in the smaller observation units of the individual countries. Thus in German studies only one suicide attempt was observed. It occurred in the multicenter study with hospital impatients and occurred under amitriptyline. All data quoted refer to reports generated according to the "event system" which were initially globally classified as suicidal actions. The analysis of the individual cases shows that for some the description "suicide attempts" is questionable (documentation on suicidal acitons, summary of cases, attachment 11).

Time and again it is brought forward that the initially strongly secating effect of the tricyclic antidepressant drugs amitriptyline and imipramine possess an effect protecting from suicide and that substances lacking initial selation or those which even bring about stimulation are subject to the risk of activating patients prior to onset of the antidepressive effect and that therefore suicidal actions may occur more frequently.

22467 22

We have paid special attention to this objection and have asked experts for their judgement.

According to even the initially submitted data do not indicate that suicidal actions might have to be attributed to the specific effect of fluoxetine. The anyway not very high number of suicidal actions would to the from the dynamics of the illness (attachment 13). has subjected the initially submitted cases of suicidal actions to intensive casuistic working-up and format no priteria for a drug specific dimension of influence (attachment 17).

On the basis of these evaluations and the actual numbers of the occurrance of suicidal actions we see no cause for the suspicion suicidal risk specifically caused by fluoxetine. However, we are making allowances for the requests of the agency by having included the following statement into our product information:

Fluoxeting does not produce a secoting effect. For patients suffering from spitations or from distinct sleep disturbances additional agministration of a sedating or sleep gromoting medication is recommended at the beginning of the fluction from produced at the beginning of the fluction of the fluctions.

Up to the oracl of the antidepressive effect especially severely ill patients and patients with the risk of attempting suicide ought to be placed under sufficient observation.

Re. 1 2.2

In a repeated review of the data we could not find confirmation for the assumption that under therapy with the product an increase of some of the symptoms of the underlying illness, anxiety, sleeplessness and agitation may occur. The reanalyses of Aug. 14, 1984 (volume 49, p. 1-172) and of Apr. 03,

+6/ 22

1985 (volume 55, p. 00-121) demonstrate that some patients are clearly showing signs of agitation possibly induced by the product. Others, however, are showing signs of sedation. This, by the way, is also the case with imipramine.

In addition, we are referring to the expert opinion of item 13, p. 24 as well as p. C. let achient 1).

Re.: 2.3

According to the request of the agency to commissioned a special evaluation (internal negation) of the fundings of pulmonary changes as well as af the results on phospholipid inclusions in the animal experiments and their relevance for humans

In the presented findices on the lang the expert can see no indication for a governial phospholipichels and no risk with clinical releases to the application in humans.

Meanwhile further investigations were carried out in order to clarify the question to what extent the observations on industries of phospholipious in animal experiments are significant for humans

There are substances in clinical use which cause phospholipid inclusions in the spinal experiment which however, from previous experience do not show these findings in humans (e.g. imipramine). Furthermore, there are substances in use which induce phospholipidosis in the application in animals and in humans likewise (e.g. amiodarone).

37 patients who were treated with fluoxetine between 6 months and 6.5 years were compared with a negative control group of about equal size and with a group under impramine and with a further group under amiodarone therapy. The tests that were

carried out included mainly the lung, the eyes and the peripherial nervous system and were laid out as specifically as possible in order to detect changes possibly caused by phospholipidosis. The data obtained do not indicate a potential occurrance of phospholipidosis in humans (special test for long-term safety of flucketine, attachment 8 and report no. 61, volume 53, p. 289-524).

On the total of the findings in the crimal experiment and in the application in humans, including these results to expert opinion was obtained (Hostetter attachment 10).

day can safely be used in humans.

too has again expressed his orinion on the basis of the new results of the investigations (attachment 9).

In the product information we are referring to the findings of the animal experiments.

Referance to item a-c of your letter

We are providing separate information for the physician and the pharmacist and the patient respectively according to the requirements of the "Zweites AMG-Anderungsgesetz" (second law concerning changes of the drug law).

The text of these sets of information is enclosed. Compared with the package insert in the original epplication for registration, several sections have been revised and adjusted to the changed state of knowledge.

8/...

a) The effect of fluoxetine cannot be termed hepatotoxic. The incidence of liver-enzyme elevation is rather to be called low. There are no severe organ damages p. 12/13, attachment 9; p. 28, attachment 1; p. 5/6, attachment 2).

Relevant transaminase elevations of the in clinical studies more seldom in the fluore transaminase elevations of the pups than in the active control groups (Report 10 62 121. 54, p 1423)

As expected, the plasma half-life is parlonged. We therefore recommend to as half the reval cose.

he herecording to our opinion we herecotexicity exists and the incidence as well as the extent of clinically relevant liver drzyma elevations has to be called low according to general clinical experience attachment 9; attachment 1 and also in direct comparison with control substances during clinical trials (report no. 62, p. 423-424 cel. 34). For this reason, we consider the following wording to be appropriate:

According to the present clinical standard liver too fic enzyme concentrations and hematological laboratory parameters should be determined in regular intervals, especially in long-term application.

9/ ...

c) 585 fluoxetine patients had at least two eye examinations in the course of clinical trials. The percentage of the observed changes was below the percentage of all control groups, apart form placebo.

No uniform disorder was detected.

The additional investigations from the tudy mentioned above recarding phospholipidated under fluoretind develope no evidence of changes which expent to be specifical substance related and/or relevant. On this basis the suggestion proposed by the agency can to but opinion be dispensed with.

34 reports are attached to our letter They include two analyses of pooled data and the results of 7 studies from Germany, further study results from the U.K. and the U.S.A. which were either carries out since the end of 1984 or which were available since these

With the application for registration of March 2, 1984, and the answer to the letter of concerns of Oct. 19, 1984, further study reports as well as numerous analyses of pocled data were submitted.

Enclosed you will a tabulation of all available clinical reports arranged according to topics and with references to the ind vidual report numbers (attachment 18). An evaluating summary of the clinical/pharmacological investigations is presented in the expert opinion by Dr. Incas of Cot. 08, 1926 (attachment 3) and of the clinical data in the expert opinion by Prof. of Aug. 31, 1966 (attachment 3).

10/ ...

Should you still - in spite or the data and expert opinions now presented - have reservations regarding a positive benefit/risk relation of fluoxetine, then we would like to ask you to grant us the opportunity for an oral hearing before a final decision will be made.

Rest regards,

Dr. K. J. Bamberg Manager Medical Administration Dr (med) N. Schwage-sorce

Encl.: Volumes 50 - 58 (4 copies)

Translation

Letter to Dr. Schulze-Solce of Dec. 4, 1986 from Prof.

Dox- n- cabul-a-colos,

on request of your company, I have hanted in an expert opinion on May 20, 1985, referring to your substante fluoxetime it is mainly concerned with the proplems of adverse events of fluoxetime.

Meanwhile you supplied me wish new investigational material which has been produced in the V.S.A. This investigational material which is very clearly documental was carefully examined and reviewed by me and I would like to point out that the questions raised in my expert painted of May 20, 1985, could be widely cleared by these investigations. Especially the expert opinion by Dr. has convinced me completely also in the final conclusions, also with reference to the chinical significance of the inclusion bodies in the lymphocytes.

According to the investigations now available it is my opinion that there is no cause for concern with regard to eye function, nerves and improcytes as well as lung function. The investigation presented seems to have been carried out in an especially diligent and correct manner. Here, especially the comparison with the other drugs imipramine and amiodarche appears to be extremely valuable.

Best regards,

(signed)

BVK/BEU/1815

Documentation on suicide gestures in clinical trials with fluoxetine (cut off date August 31, 1986)

All suicide gestures reported in fluoxetine trials worldwice have been compiled in this documentation.

For this purpose all events classified as suicide, suicide attempt or drug overdose have been listed for all courtries where flokeling studies had been ongoing during the time coveres by this report.

filed impediately or their receipt. That is a continuously and clim. Cally from any increase of the continuously and

if letter a colde attends. A table of the control of the suicides and now many colder. "Other recreaseds the control of the first of the suicides and now many colder. "Other recreaseds the control of the first of the suicides placed, active listed for fluoretine derive from control of suicides with the suicides of the cold of the suicides as well as from uncontrol of the studies with the suicides of the cold of the suicides and how many and the suicides and how many includes and how many and the suicides and the su

There have been reports of spices gettures although no anus was actually given. This is due to the act that investigators had been instructed to report all observations related to this protocol. So somether lion up information of weeks or even months was available and documenter in such cases the spicide gestures are listed with fluoxetine of the eart occurred to our after the withdrawal of the drug (e.g. however ter are listed with the control group if they occurred blueses or more after the withdrawal of fluoxetine.

In order to be of excessive incidence rates the total number of patients treated and time of excessive in patient overs's giver for flucketine and the control group in all tables. For an onscing studies which are still biinded one half of the number already encolied has been counted for flucketine and the other half for the control group.

Table I shows the total numbers worldwide for patients and patient years, all suicide destures successful suicides and suicide attempts which result from the data of the single countries given in table 2 - 8. The incidence rates per patient and or patient years respectively are given for suicide gestures, suicide attempts setarately.

for all suffice detures the time since start of treatment is given in tests 5. November 3 cases for which extended were not evaluable prior to completion this analysis.

Table II identified the patherns in Automos gestures has been reported. A brief surmary of all cases mentioned at given sucsequently.

if the worldwide numbers are considered the incidence rate is 0.000 (es a confidence limits: 0.000 - 0.012). This is 1.32 times more than in the control group (p = 0.1427, Fisher's exact test, one tailed). It is 16 times less than in a depressive population. (If according to Pohlmeier, Ref. 50/13, 15 % for the depressives are assumed).

Looking at the different countries the majority of the data has been collected in the USA and Canada. In this group suicide gestures occur 1.16 times less with fluoxetine than in the control group.

In Germany there was only one event reported which occurred on amitriptyline.

in France 17 of 18 suicide gestures had been reported during a 6 months uncontrolled treatment with fluoxetine. The incidence rate is about 10 times higher compared to US data reflecting a different group of patients and kind of follow up.

Table 9 illustrates that suicide gestures occur at all points in time during the treatment. There is no relation to a specific period and with respect to fluorestime pharmacokinetics there is no less response relationship.

according to the event system. That means that any observation we then reparted drug related or not was entered into the eyestem. Cyt. dent. Cy

It is unlikely that patients and HCAS and HCAS from the US conritted suicide pestures as well. Also patient move
the event for additional I months without any difficulty. Further 7 patients
could be regarded as not appropriate for inslusion. (See comments given

dence rates are 0.663 for both fluoretine and control group.

Excluding also the 17 cases from the Prench uncontrolled study and relating to the respective time of exposure 1168 total worldwide patient years - 161.8 = 1006.2 patient years the incidence rate is 0.033.

It is difficult to compare these data of different kind and sources as if obtained from a controlled trial. However no matter if the best or the worst gestures by fluggetine.

Dr. H. K. Schulze-Solce

Forlocuret.

Tables 1 - 10 Case summaries

Bad Homburg, December 8, 1986

Worldwide total

	Fluoxetine	Other*	
nutters - 1		(%)	
patient number	6903	2376	(V
Prifert years	1166	352	10/2
suicide gestures total	6://n	0 1	10
(Suizidhandlungen)	(\//	2 15/	\vee
sufcide gestures/pat. no.		0 /	
suicide gestures/pat. years	2.05	C 9065	
successful suicides	1 9 (
succ. suic./pat. no.	0.0013	0.0013	
succ. suic./pat. years	0.000	0.0085	
suicide attempts	3:		
suic. att./pay. no	10000	12	
suic. att par years	29.00/8	0.0052	
V	J/8-046	0.034	
* Placebo, no drug, comparator			
161			
If I attempt of a still Dinde	d ongoing study fro	* F(alest	
(see table 8) (sedded to fluo	xetine the ratios a	*=.	
gestures/pat. no.	(.005)		
gestures/pat. years	0.055		
If added to other:			2
gestures/pat. no.	0.0069		7240/
gestures/pat. years	0.945	·	

Table 2: Suicide gestures (Suizidhandlungen)

USA/Canada

		9	
	Fluorette	071.6	~
patient number	5476	(0)	V (D>)
patient years	869	725	11/1
suicide gestures total	3900	V ₁₀	
Sufzidhandlungen)		(5)	
uicide gestures/pat. no.	(0.005)	0000	
uicide gestures/pat. year	035	(
occessful suicides	5. 11	2/0	
ucc. suic./pat. no.	6.00003	DE.00054	
ucc. suic./pas. years	0,000 5	0.0039	
uicide attemps	125	9	
ic. att./pat. no.	8.006	0.0058	
sic. att./pat. years	0.03	0.035	
	1		
timely and	/		
Flacebo, no drug comparet	0-		

Table 3: Suicide gestures (Suizidhandlungen)

Germany

	Fluoxetine	Otne-	
patient number	142	(C)	(D)
petient years	11.7		1//
Euicide gestures total	. ~		10
(Suizidnandlungen)	102	À. (\vee
suicide gestures/pat. nc.	~8V~>	0.002	
suicide gestures/pat. years	()		
successful suicides		~~~	
succ. suic./pet. no.	0 //	111	
ucc. suic./pat. years	100	<i>\frac{1}{2}</i>	
uicide attempts		,	
uic. att. par no.	1/2	2 2026	
uic. att./pet. years	71/2	0.007£ 0.09	
Flacebo, no drug, comparate	br .		

PZ2467 2

Table 4: Suicide gestures (Suizidhandlungen)

UK, Basingstoke

	Fluoxetine	Other		5
patient number	206	5	0/100	
patient years	16.7	7 197	(1)	
suicide gestures total	802	×, \		
(Suizidhandlungen)		(2)	>	
suicide gestures/pet. no. /	0.043	12-		
suicide gestures/pat. years	254	- 44		
successful suicides	5. (20	100	
succ. suic:/pet./po.	0 1	0.0044		
succ. suic./pat years	9/0	0.053		
uicide attempts	1/2	2		
uic. att./pabono.	7			
uic. att./pat. years	0.54	0.0088		
	V0.54	0.107		
Placebo, no apog, comparato	r			

Table 5: Suicide gestures (Suizidhandlungen)

		UK, Erl Wood		
		Fluoxetine	(Firety)	N
	patient number	365	5)	100
1	patient years	45/5	106	110
) :	suicide gestures total	100 V	10/1	
((Suizidhandlungen)		(A)	
5	uicide gestures/pat. nc.	/a \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	1.11	
5	uicide gestures/pat. years	0.11	0.10	
\$1	uccessful suicides		1/20	
51	ucc. suic./pat/po/)) 1	
\$1	ucc. suic./pat. vers/	10000	0.009	
	//^\/	() 04	0.10	
\$U	icide atsempts	1/1		
\$U	ic. att./pat no.	0.008	0	
ŝ u	ic. ett. zpel. years	0.008	0	
		V 0.07	Ũ	
	_(())			
* ;	lacebo, no arog, comparato	or .		
	(())			

Table 6: Suicide gestures (Suizidhandlungen)

	France			
	Fluoxetine	Other*		
patient number	451	,5	1	
patient years	201.8	13/20	$\langle \langle \ \rangle \rangle$,
suicide gestures total	18	V. (1)	
(Suizidhandlungen)	1	, (E)	>	
suicide gestures/pat. no. suicide gestures/pat. years	Q.04 V	8/10		
successful suicides	1 120	\approx		
succ. suic./pat. no.	0,004	(9)		
succ. suic./pat. reprs	0.002	> 0		
suicide attemps	Ox XX	0		
suis. set./patha.	20.035	0		
suic. att./pat. years	90.08	0		
* Placebo, no drag, comparato				
riacedo, no ofig, comparato	r	2.		

Table 7: Suicide gestures (Suizidhandlungen)

	Sweden		
	Fluoxetine	Garney.	
patient number patient years	16	0 1 1	1/20
sufcide gestures total (Suizidhandlungen) sufcide gestures/pat. no.		The soul	>
Suicide gestures/pat. year	0.6		
succ. suic./pat. no. succ. suic./pat. ne.	3		
Suicide attempts	26	0	
suic. att./pat. no. suic. att./pat. years	D:	. 0 0	
* flacebo, no oray; compara	ter		

Table 8: Suicide gestures (Suizidhandlungen)

patient number patient years

suicide gestures total (Suizidhandlungen)
/ pat. no.
/ pat. years

Placebo, no drug companator

1 attempt in inland in an omboing study, which still is blinded.

Table 9: Occurence of events in time

Fluoxetine treatment duration at point in time of occurence of event (weeks)

0.5

1

1.5

2

3

4

5

6

7

8

11

12

13 - 52

53 - 104 (1 - 2 years)
105 - 208 (3 - 4 years)
105 - 208 (3 - 4 years)

Table 10: Suicide gestures/patient identification

Fluoxetine Other* USA/Canada HCAE HCA: HCAE HCAF HCAF HUAF HCAF HCAF HOAF MCAF in decail (See and bean evaluated in decail (See and lose expert opinion, volume 50) and had been already upolitted with the initial submission in HCAF HCAG HCAH HCAJ HCAJ 2984. HCCD HCCD HCCD HCCD HCCD HCCD HCCH HCDL HCAF HCAG HCDL HCAH HCAD HCDL HCCJ HCDL HCCP Germany

Blyss Pattent No.

^{*} flacebo, no drug, comparator

Table 10 (continued): Suicide gestures/patient identification

Fluoxetine Other U.K./Basingstoke = B1Y/BP/HC U.K./Erl Wood = 81Y = 81Y = HCCS = 81Y = 81Y, = 81Y, France 21//HP/0701 33//HP 31//HP/ B1Y/FP/ B1Y/FP/ B1Y/FP/0701 BXY/FP/0701 FP/0701 B1Y/FP/0701 B1Y/FP/0701 = B1Y/FP/0701 = B1Y/FP/0701 = B1Y/FP/0701 = B1Y/FP/0701 Sweden

Project Bly SB

Fluoxetine vs. Amitriptyline, In-Fatient Study

Patient No.

Case Summary (unblinded, Amitriptyline)

A 64 years old female patient suffering from enc (ICD 296.1) of retarded subtype was envolled on only too 1... to the study. On entry, her total Hariston Score was 20 out of 17 items. Suicidality was rated 4. On 08/04/95, she took two capsules b.i.d. of study medication according to protocol. In the evening of the same day, she scratched har wrists and her peck. The surface wounds were treated by a surgeon. After being back in the psychiatric department, she tried to schangle herself with a stook of in the same night at 1.00 a.m. of the following day the wes given benzodiazepines parameterally. Study was discontinued.

This case was unblinded by tilly personnel, however, not reported on FD 1639 when it revealed that the comparator was involved. The investigator is still by noted in this case.

GP. No.: Bly-BP-HC21, Patient

DES/DEN No. 1

Study.

This 63 year old male carotsian antered the south on 18.10.84 with an initial Hamilton score of No. Having been given his study medication the patient was discharged home, only to be found does at home a few days later. His medication perhaps antouched so be lad now taken any study drug. The commen's report advantage that she care a feath was a grandous of approximately 30 tablets of Chlorachhiatole in conjunction with alcohol.

COMPARATOR DRUG OVERDOSE

GPT No.: Bly-BP-HC24, Patient

DEL CODE ROLL

Study.

This 24 year old female agrantich an initial Havilton score of 22, was admitted to the study on 16.3.86. She continued in the study for 3h weeks at which point she took an overdose of 16 x 7 mc Manserin. At this point her Hamilton score has reduced to 25. She was not considered to be suicidal and in fact, continued to the end of the study when her Hamilton.

COMPARATOR DRUG SUICIDE

GPT No.: Bly-BP-HC26, Patient



DES /DE: No.:



Study.

Tris 58 year old male causasia: with an intial Marriston accre of 24, was admitted on 17.4.86. Miser 3 weeks in the study the patient was found to have comitted suicide and rost morter execute pict revealed that he had

died of an overdose of Amitriptyline

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GPT No.: Bly-BP-HC32, Patient

t

DES/DE: No::

(GF) Study.

This 39 year old male causes an old an initial variation score of 33, was admitted to the study of 2.4.86. He progressed through the study for 5 weeks at which point he took an overdose of you 20 mg capsules of Fluoretine. He was observed in hospital but recovered spontaneously. He was clearly still depressed at the and of the study with a Hamilton score of 29 but it is not clear whether we have suicidal intent.

GPT No.: Bly-BF-HC24, Patient

DES/DE: No;

Study.

This 20 years old male cauchains with an initial Mamilton score of 26, was admitted on 10.7.86 and progressed with the study for 3 weeks. At that point his Hamilton score had, in fact, intraased to 31. Prior to his next visit he took an overdose of 16 x 20 mg capsules of Fluoretine which was believed to be a serious suicide attact. He suffered no adverse experience as a result of his continue.

GPT No.: Bly-BP-MC24, Patient

IZE/DEN NOL1

Study.

This 21 year old male caucasian was estitled to the story on 11.9.85 with a Hamilton score on admission of 22 (17 items). At the end of his second week in the study, his flar ton score had increased to 35 but he admitted to not having taken the proper amount of captures. He was persuaded to stay in the study but hely way through the following week he took an overdose of 15 x 20 he Flucketine captures. This was seen as a serious suicide attempt but he suffered no apparent adverse events from his

GPT No.: BlY-BP-HC23, Patient

DES/DET No.:

geriatric) Study.

This 71 year old female cauchist and aimitted to the study on 6.11.84 with an initial Hamilton store of 24. By the time she returned for her first follow-up visit it was clear that her hydrand had discouraged her from taking any trial medication and she had sexue subsequently more depressed to the point where she had raken an everdose of Temazepan and possibly some fluoratine. She recovered without any adverse events.

FLUXETINE STUDY

GPT No.: Bly-EP-HC26, Patient

DESTRET NO. 1

Study.

This 61 year old female processer was admitted to the study on 14.1.86 with a Hamilton score of 22. She continued through the study for 3 weeks, at which point she took ac overlose of Temalerax and was admitted to hospital though she suffered acceptance events. It was subsequently found that she had not complied with the proper serves of Flucketine because her medication pack contained many apra departs than should have been present. Her sign Hamilton score was Ad

FLUOXITINE OVERDOSE

GT No.: Biy-RP-HC26, Patient

DES,'SET NO. 1

Enudy.

This 41 year old male caucastan with an initial Hemilton score of 28, was admitted to the study on 14.85. After 4 weeks in the study his Hamilton score had increased to 38 and he mont x 10 mg Temazepam and 4 x 50 mg Temazepam and the was, in fact, removed from the study at the pext visit because of lack of efficacy.

•

DES / DEN No. 1

Previously tudy.

This 23 year old female reciers by part in a Sludge ine trial in 1984 (B1Y-BP-HC50) and her participation in the sorty bed finished during that year. She was however admitted to hospital on 7.6.86 having taken 50 x 20 mg capsuler of Fluoretine which she apparently stored for 2 years. It is difficult to know whether there was any suicidal intent because she displayed hersels from together the following day having apparently recovered fully

GT No.: BIY-BP-HC22, Patient

DES DE: No.1

Study.

This 47 year old patient was and tred to the study on 22.8.84 with an inital Familton score of 1. When he returned at the end of 3 weeks of treatment he reported that he had take: 8 capsules of Flucketine on one day and 6 capsules on another day of the previous week, without any suicidal intent or adverse experiences. At his next visit he was recorded as having taken again, 8 capsules of ane day of the previous week which apparent? Caused him to develop an itemy rash. There was no apparent suicidal intent you this next to be a suicidal intent your this next your to be a suicidal intent your things and the suicidal intent your things are a suicidal intent your things are

PLUCKTINE OVEROOSE

GPT No.: Bly-BP-HC22, Patient

DEE/DE: No.:

Select.

This 19 year old famale pencasian with an initial Mamilton score of 27 was admitted to the study of 78.5.85. She main took progress during the 6 week trial and her final Haw iton score was 5 however, one week before terminating the study she was said to have attempted at overdose of Loranepam. She derived any suicidal attempt and was discharged from the study feeling quits wall.

.

Case Summary

A 37 years old male outpatient had received 40 mg of fluoxetine for two weeks when he took an overdose of paracetamol and was admitted to hospital. He recovered uneventful. It was felt to terminate the study after further two weeks because of non-return at proper intervals for assessment due to hospital admission; due to overdose of paracetamol.

B1Y/

Case Summary

A 2C years old female had received studyetine for four months when she took 3000 mg of fluoxetine and 4400 mg of aspirine. Two grand mal fits, lasting 3 and 2 minutes respectively occorred. Eventually the patient recovered fully.

It was documented on previous visits by the investigator that the patient was extremely anxious about possible side effects because she had a friend who had had side effects on zimiledine and that she "chopped" and changed medication on her awn accord.

- blt ...

Case Summary

A 20 years old female outpatient took a multiple drug overdose (? 480 mg fluoxetine, 500 mg paracetamol. Ing clitton ?) after 3 weeks on fluoxetine. Restlessness, apitation and tachyna die of 110/min were recorded on hospital admission 1 hour after overmore. She recovered uneventful. Fluoxetine was restarted after 3 days and stool was terminated 10 days later according to

This was a 38-year-old sale who committed suicide after he had been treated with 60 sq/gay of fluoretine for nine worths. Apparently, he took an overdose of Clobazac, anitriptyline and pentagorine. Containers for these drugs were found near the body. No fluoretine containers were found. The patient could not have taken more than 480 mg of fluoretine unless he failed to comply with prescribed therapy and was hoarding drug. It was estimated that the patient died four days before the body was found, thus it was not possible to determine levels of drugs. A FD1639 was filed, Mfr. Control No. 84080619A.

Pz2467

Patient (B1Y-This was a 87-year-old male who committed suicide by hanging after he had been treated with placebo for 38 days in the UK geriatric depression dose ranging study. A FD1639 was filed, Mfr. Control

This was a 67-year-old male who committed suicide by hanging after fire was a fire of fluoratine for five days in the UL fluoratine having taken 40 mg/day of fluoxetine for five days in the Ul. fluoxetine vs. amitriptyline adult depression dose ranging study. A FD1539 was filed, Mir. Control No. 85020605A.

France

Fluoxcillie was stated on follow up visit of 3 September 11th plinit was receiving 60 mg

Tolerance whit yo od hut any pet Severe and the next day slic #11 compled soldies

two noises exer and intoke, the physician observed: "camo vigil", tetunized aspect, impossible to test reflexes, nystogrus of both eyes. Potient was inspitalized, faced urinary output was instituted and pulient wake up 6 hours often and intoke.

Decouse puttent writer of snow any of the expected symptoms for fluoxetine wondering wether outless did indeed take on overdose of tal. Presenting clinical confine could also be interpreted as a : or prette hysterical gives the pox height (1.e. 17 eopsules).

Fluoratine was fortimued until a second intentions' promote accorded on

Folicit was haspitalized. She confessed several porths leter that she had token only a few chlarasepote tablets but no "green consules" (fluoxetine). Femule 37 years old. Good Improvement with fluoretime ofter eight weeks of treatment. Because of her husband's alcoholism relapse she cannillud suicide by ingestion of borbiturate and she died.

Maio 35 years old. Pollett stoody Improved to thought the treatment.

No side offect. During the 6th month of tentingent, pollent tood follow tionally 20 filloxolline consules often a other ordered episode with been and whisty. A light excitation was relied. The xettre was not disportinged,

Femolo 35 years old. Polish Increased by fluoretime but agressivity and hypocoxiline remaining increased after six the efficultient, she tried to commit suicide became of problems with per turning and her children. She wanted to be hospitalized adain to solve view problems.

At that time fluored increase not discontinued but not this policit is

Funile 35 years old,
Well increase furing the index episod.
During for Nost mouth in the prophytoc
she experienced ogoin suricies houghts in the prophytoctic phase (Huesetine or placebo) proughts one tried to commit suicide by OVERDOSE

Concle is yours old.

(seed improvement with fluoretime dumin, II. invex enisode.

Itals payment relayed ofter four months of biliness treatment in the

she entered the release phase (fluoretime) one trice to carmit suicible

the entered the release phase (fluoretime) one trice to carmit suicible

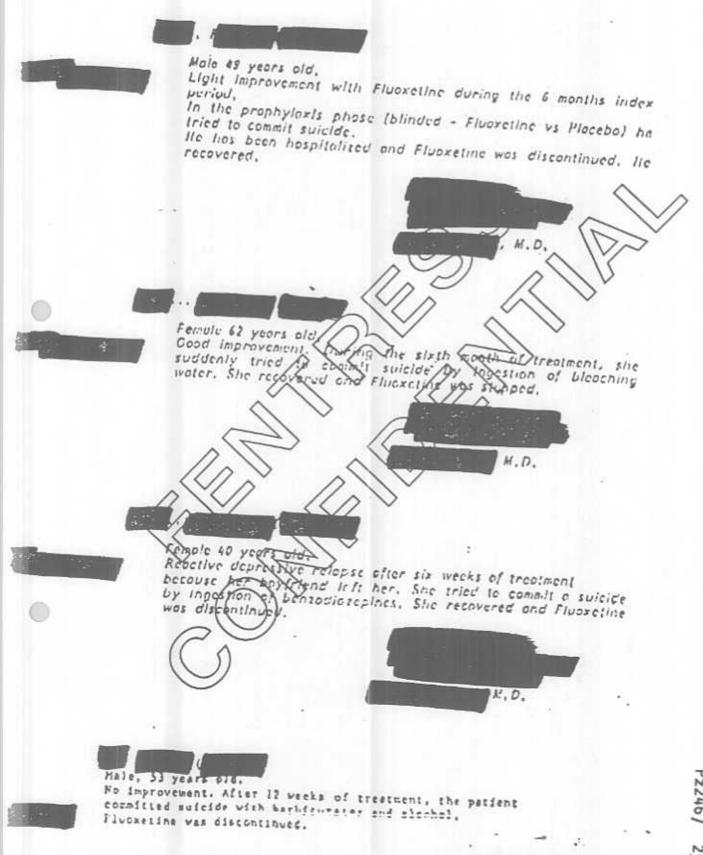
effer singles of treatment in this prose to ingestion of 15 consoler et teretepera l'opposite set concentingen.

(83 66 85 00

fumile - 37 years old. During the second week of treatment, this petient tried to commit sulcide by ingestion of claratopate, arcoins and fluoretine because of a sporrel with a neighbour.

She was haspitalized one night in an intensive care unit. She recovered. fluoxetine was not discontinued.

At the 6th result, of terothers, she tried again to commit suicide because the service of the history of her children : ingostion of fluoreting + clarate wile 5th -----



. D.

insuming within the next two days. On day 9 of therapy, fluoretine continuous patient hospitalization, Physician thinks suicide attempt may be due to intreased anxiety in relation with

After & weeks of treatment prijent was pkey to ecotions and commit suicide by machine of several drugs.

Pocular of sentimental problems and professionnal professionnal problems and professionnal professionnal experienced psychopathic rantus and professionnal received the day ofter.

but intentioner everdose, patient toth 500 mg fluoretine plus benandjateping and possibly phenobarbital. Fatient had stage ly ones and recovery was rapid

K.D

Pz2467

667

Finalle - 35 years old. Hystericel personality.

Although alm mis viry well improved on the copressive point of view, sie still had sentimental problems and she tried to comit suicide.

She recovered. Fluoretine was discontinued.

Patient has depressive episod: of uniform and depressive was the day of his following this months to his following this related are they have been under to sail his his her he believe desired before the scheduled for the way. Believe desires before the scheduled fell. In this has pick attempts and the scheduled fell. In this has pick attempts the scheduled fell. In this has pick attempts the scheduled fell. In this attempts was in the school time. By fatient has incomparative in a prachiated ward accordal times.

Pz2467 :

Patient
This was a bl-year-old male who was enrolled in a fluoxetina study in Sweden. He committed suicide by hanging after ne nac been to fill my of fluoxetine for 10 days. A FD1835 will filed, Mfr. Control No. 450900836.



PZ2467 2