## Medical Information for Patients and Healthcare Personnel 患者と医療者のための医療情報

Tokyo Institute of Technology 19 May 2019



2018年に500万 人の高齢者が 薬物有害事象 で受診



42%の高齢者 が5剤以上を 服用



過去20年間で ポリファーマ シーが300% 増



薬物有害事象 のため毎日750 人が入院



10年間の不要 な入院で620 億ドル



薬物有害事象 で次の10年で 15万人死亡



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Helping you take control of your health and wellbeing.

## Health A to Z

Your complete guide to conditions, symptoms and treatments, including what to do and when to get help.

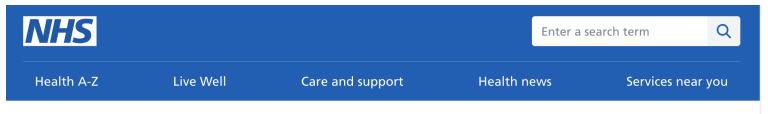
## Go to the Health A to Z

## Medicines A to Z

Find out how your medicine works, how and when to take it, possible side effects and answers to your common questions.



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## **Escitalopram**

#### On this page

- 1. About escitalopram
- 2. Key facts
- 3. Who can and can't take escitalopram
- 4. How and when to take it
- 5. Side effects
- 6. How to cope with side effects
- 7. Pregnancy and breastfeeding
- 8. Cautions with other medicines
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## エスシタロプラム(レクサプロ)

- 1 エスシタロプラムについて
- 2 鍵となる事実
- 3 服用できる人、できない人
- 4 いつ、どのように飲むか
- 5 副作用
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- 7 妊娠、授乳
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## 1. About escitalopram

Escitalopram is a type of antidepressant known as a selective serotonin reuptake inhibitor (SSRI).

It's often used to treat <u>depression</u> and is sometimes used for <u>anxiety</u>, <u>obsessive compulsive disorder</u> or <u>panic attacks</u>.

Escitalopram helps many people recover from depression and has fewer unwanted effects than older antidepressants.

Escitalopram is available on prescription. It comes as tablets and liquid drops that you put in a drink.

## 2. Key facts

- It usually takes 4 to 6 weeks for escitalopram to work.
- Side effects such as feeling sick (nausea) and headache are common. They're usually mild and go away after a couple of weeks.
- If you and your doctor decide to take you off escitalopram, your doctor will probably recommend reducing your dose gradually to help prevent extra side effects.
- Escitalopram is also called by the brand name Cipralex.

1 エスシタロプラムについて エスシタロプラムはSSRIとし て知られている抗うつ薬です うつ病の治療のために使用さ れることが多く、不安、強迫 性障害、パニック障害に使用 されることもあります。(以下 略)

- 2 鍵となる事実
- ・作用するのに通常4~6週間かかります
- ・悪心や頭痛といった副作用 は一般的です。通常は軽症 で1~2週でおさまります。(以 下略)

## 3. Who can and can't take escitalopram

Escitalopram can be taken by adults over the age of 18.

Check with your doctor before starting to take escitalopram if you:

- have had an allergic reaction to escitalopram or any other medicines in the past
- have <u>epilepsy</u> or are having electroconvulsive treatment escitalopram may increase your risk of having a seizure
- have a heart problem escitalopram can speed up or change your heartbeat
- have a low heart rate, plus you have had severe <u>diarrhoea and</u>
   <u>vomiting</u> for a long time or take tablets that make you pee more
   (diuretics)

- 3 服用できる人、できない人 エスシタロプラムは18歳以上 の成人が服用できます。 服用する前に医師と以下を チェックしましょう。
- 過去にエスシタロプラムまたは他の薬にアレルギー反応を起こした
- てんかんがある、または電気けいれん療法を受けている一発作のリスクが高まるかもしれません
- ・心臓に問題がある一心拍数を上げる/変動させるかもしれません(以下略)

- have ever taken any other medicines for depression some rarely used antidepressants can interact with escitalopram to cause very <u>high blood pressure</u> even when they have been stopped for a few weeks
- are trying to become pregnant, already pregnant or breastfeeding
- have an eye problem called <u>glaucoma</u> scitalopram can increase the pressure in your eye

If you have <u>diabetes</u>, escitalopram can make it more difficult to keep your blood sugar stable.

Monitor your blood sugar more often for the first few weeks of treatment with escitalopram and adjust your diabetes treatment if necessary.

## 4. How and when to take it

Take escitalopram once a day. You can take it with or without food.

You can take escitalopram at any time of day, as long as you stick to the same time every day.

If you have trouble sleeping, it's best to take it in the morning.

- ・うつ病に対して他の薬を飲んだことがある一まれにエスシタロプラムとの相互作用で血圧が上昇することがある
- ・妊娠を希望、すでに妊娠ま たは授乳している
- ・緑内障ーエスシタロプラム が眼圧を上げる可能性がある(以下略)

4 いつ、どのように飲むか 1日1階飲んでください。食べ 物といっしょでもかまいませ ん。

同じ時間であれば1日のうちいつ飲んでもかまいません (以下略)

#### How much to take

Escitalopram tablets come in different strengths ranging from 5mg to 20mg.

The usual dose of escitalopram is 10mg a day in adults. But you may start on a lower dose and increase to a maximum dose of 20mg a day.

If you have liver problems, the maximum recommended dose is 10mg a day.

With liquid drops of escitalopram, 1 drop is equivalent to 1mg, 10 drops is 10mg, 20 drops is 20mg.

## What if I forget to take it?

Do not take a double dose to make up for forgotten doses.

If you do forget to take a dose and remember before you go to bed, take it straight away. Carry on as usual the next day.

If you only remember during the night or the next day, leave out the missed dose and carry on as usual.

If you forget doses often, it may help to set an alarm to remind you.

You could also ask your pharmacist for advice on other ways to help you remember to take your medicine.

エスシタロプラム錠は5mg から20mgがあります。 成人では通常1日10mgです。 しかし、少量から初めて最 大20mgになることもありま す。液体の場合、1滴が1mg です。10滴なら10mg、20滴 なら20mgです。

飲むのを忘れたら 忘れた分とあわせて2倍量 を服用しないでください 飲むのを忘れて寝る前に 思い出したらすぐ飲んでく ださい。翌日は通常通りに してください(以下略)

#### What if I take too much?

The amount of escitalopram that can lead to an overdose varies from person to person.

## Call your doctor straight away if:

You have taken too much escitalopram by accident and experience symptoms such as:

- feeling agitated
- being sick (vomiting)
- shaking
- a fast heart rate
- seizures

If you need to go to <u>A&E</u> straight away, do not drive yourself - get someone else to drive you or call for an ambulance.

Take the escitalopram packet or the leaflet inside it, plus any remaining medicine, with you.

飲み過ぎたら? 過量となる量は人によって 違います。

以下ならすぐ医師に電話してください うっかり飲み過ぎて以下の症状が起きたら

- 不穏
- ・気分が悪い(嘔吐)
- ・ふるえ
- ・どきどきする
- てんかん発作

救急病院に行く必要がある 場合、自分では運転しない でください

エスシタロプラムの包装または添付文書、残りの薬を 持参してください

## 5. Side effects

Like all medicines, escitalopram can cause side effects in some people, but many people have no side effects or only minor ones.

Some of the common side effects of escitalopram will gradually improve as your body gets used to it.

### **Common side effects**

Common side effects may happen in more than 1 in 10 people.

Keep taking the medicine, but talk to a doctor or pharmacist if these side effects bother you or don't go away:

- a dry mouth
- sweating a lot
- being unable to sleep
- · feeling sleepy
- feeling tired or weak

## 5 副作用 他の薬と同様、エスシタロプ ラムで副作用を起こす人も いますが、たいていは副作 用がないか、あってもわず かです。 エスシタロプラムの一般的 な副作用のいくつかは慣れ れば次第に回復します

- 一般的な副作用
- 一般的な副作用は10人中1 人以上に起こる可能性があ ります

服用は続けて、つらくて治まらないようなら医師か薬剤 師に話してください。

- 口のかわき
- ・大量の汗
- ・眠れない
- •眠気(以下略)

#### **Serious side effects**

Serious side effects are rare and happen in less than 1 in 1,000 people.

#### Go to A&E immediately if you get:

- painful erections that last longer than 4 hours this may happen even when you're not having sex
- severe dizziness or passing out
- any bleeding that's very bad or you can't stop, such as cuts or nosebleeds that don't stop within 10 minutes

#### Call a doctor straight away if you get:

- constant <u>headaches</u>, long-lasting confusion or weakness, or frequent muscle cramps - these can all be signs of low sodium levels in your blood (in severe cases, low sodium can lead to seizures)
- thoughts about harming yourself or ending your life
- a high temperature (38C and above) with agitation, confusion, trembling and twitching
- vomiting blood, coughing up vomit, blood in your pee, black or red poo these can be signs of bleeding from the gut
- bleeding from the gums, or bruises that appear without a reason or get bigger

重大な副作用 重大な副作用はまれで、1000 人中1人未満に起きます

すぐに救急病院に行ってください

・痛みのある勃起が4時間以上続く セックスをしていなくても起こることがあります・ひどいめまい、気を失う(以下略)

すぐに医師に電話してください

- ・頭痛、錯乱が続く、筋肉のけいれん
- ・自傷、自殺について考える
- ・錯乱、震えを伴う38度以上の発熱
- ・血液を吐く、尿に血が混じる、 黒または赤の便 (以下略)

#### Book an appointment with your doctor if you experience:

- · weight gain or loss without trying
- changes in your periods, such as heavy bleeding, spotting or bleeding between periods

#### Serious allergic reaction

In rare cases, it's possible to have a serious allergic reaction (anaphylaxis) to escitalopram.

### Contact a doctor straight away if:

- you get a skin rash that may include itchy, red, swollen, blistered or peeling skin
- you're wheezing
- you get tightness in the chest or throat
- · you have trouble breathing or talking
- your mouth, face, lips, tongue or throat start swelling

These are warning signs of a serious allergic reaction.

A serious allergic reaction is an emergency.

医師の予約をとってください

- ・体重増加、または減少
- ・生理不順、生理が重い、生理 中でないのに出血がある

重大なアレルギー反応 まれですが重大なアレルギー 反応(アナフィラキシー)を起こ すことがあります

すぐ医師を読んでください

- ・発疹(かゆくて赤く、腫れあがった、水疱を伴う、皮がはがれた)
- ・喘鳴がある
- ・胸やのどが苦しい (以下略)

These aren't all the side effects of escitalopram.

For a full list, see the leaflet inside your medicines packet.

You can report any suspected side effect to the <u>UK safety scheme</u>.

## 6. How to cope with side effects

What to do about:

- a dry mouth chew sugar-free gum or sugar-free sweets
- **sweating a lot** try wearing loose clothing, using a strong antiperspirant, and keeping cool using a fan, if possible. If this doesn't control the problem, talk to your doctor. You may need to try a different antidepressant.
- being unable to sleep take escitalopram first thing in the morning
- **feeling sleepy** take escitalopram in the evening and cut down the amount of alcohol you drink. Do not drive or use tools or machinery if you're feeling sleepy. If this doesn't help, talk to your doctor.
- feeling tired or weak stop what you're doing and sit or lie down until you feel better. Do not drive or use tools or machinery if you're feeling tired. Do not drink alcohol as it'll make you feel worse.

これらは副作用のすべてではありません。すべてのリストは薬の包装の中に入っているリーフレットを見てください

副作用をうたがったら「UK safety scheme」に報告することができます

- 6 副作用の対処法
- ・ロがかわく: 砂糖を含まない ガムやお菓子を食べる
- ・汗をかく: ゆったりした服を着 て扇風機などで涼しくする、よ くならなければ医師に相談し てください。別の抗うつ薬を試 す必要があるかもしれません
- ・眠れない:朝に服用する (以下略)

## 7. Pregnancy and breastfeeding

It's important for you and your baby that you stay well during your pregnancy.

If you become pregnant while taking escitalopram, speak to your doctor. Do not stop taking your medicine unless your doctor tells you to.

Escitalopram has been linked to a very small increased risk of problems for your unborn baby.

But if your depression isn't treated during pregnancy, this can also increase the chance of problems.

You may need to take escitalopram during pregnancy if you need it to remain well.

Your doctor can explain the risks and the benefits, and will help you decide which treatment is best for you and your baby.

For more information about how escitalopram can affect you and your baby during pregnancy, <u>read this leaflet on the best use of medicines in pregnancy (BUMPS) website</u>.

7 妊娠と授乳 あなたとあなたの赤ちゃんの ために、妊娠中も健やかで いることが重要です エスシタロプラム服用中に妊 娠したら医師に話してくださ い。医師の指示がなければ 薬をやめないでください エスシタロプラムはわずかで すがまだ生まれていない赤 ちゃんに問題が生じるリスク の上昇と関係しています ですが妊娠中にうつ病の治 療が行われなければ、これ も問題の起こる可能性を高 めます 健やかにいるために薬が必 要ならエスシタロプラムを服 用する必要があります (以下略)

## **Escitalopram and breastfeeding**

If your doctor or health visitor says your baby is healthy, escitalopram can be used during breastfeeding.

Escitalopram passes into breast milk in small amounts, and has been linked with side effects in very few breastfed babies.

It's important to continue taking escitalopram to keep you well. Breastfeeding will also benefit both you and your baby.

If you notice that your baby isn't feeding as well as usual, seems unusually sleepy or you have any other concerns about your baby, talk to your health visitor or doctor as soon as possible.

## Tell your doctor if you're:

- trying to get pregnant
- pregnant
- breastfeeding

エスシタロプラムと授乳 もし医師やhealth visitorがあ なたの赤ちゃんは健康だと言 えば、授乳中も薬を続けられ ます エスシタロプラムは少量です が母乳に混ざり、ごくまれに 副作用と関係します あなたが健やかでいるため にエスシタロプラムの服用を 続けることが重要です。母乳 もまたあなたと赤ちゃんの両 方にとって有益です もし赤ちゃんがいつものよう に飲まなかったり、異常に眠 そうだったり、その他心配なこ とがあれば、すぐに医師また はhealth visitorに相談してく ださい (以下略)

## 8. Cautions with other medicines

Some medicines and escitalopram can interfere with each other and increase the chances of you having side effects.

Tell your doctor if you're taking these medicines before you start escitalopram:

- any medicines that affect your heartbeat escitalopram can speed up or change your heartbeat
- any other medicines for depression some rarely used antidepressants can interact with escitalopram to cause very high blood pressure even when they have been stopped for a few weeks

These aren't all the medicines that can interfere with escitalopram.

For a full list, see the leaflet inside your medicine packet or check with your pharmacist.

## Mixing escitalopram with herbal remedies and supplements

Do not take St John's wort, the herbal remedy for depression, while you're being treated with escitalopram as this will increase your risk of side effects.

8 他の薬との相互作用 ある薬とエスシタロプラムは相 互に反応し、副作用の可能性 を高めます

以下の薬を飲んでいたら、エス シタロプラムを開始する前に医 師に伝えてください

- ・心拍に関係する薬ーエスシタロプラムが心拍を速めることがあります
- ・うつ病の他の薬ーめったに使われないうつ病薬がエスシタロプラムと相互作用を起こし血圧を非常に高めるかもしれません(以下略)

エスシタロプラムとハーブやサ プリメントとの混合 エスシタロプラム服用中はセント・ジョーンズ・ワートを飲まな いでください(以下略)

#### **Important**

Tell your doctor or pharmacist if you're taking any other medicines, including herbal remedies, vitamins or supplements.

## 9. Common questions

- ► How does escitalopram work?
- ▶ When will I feel better?
- ► How will it make me feel?
- ► How long will I take it for?
- ► How do I come off escitalopram?
- ▶ Is it safe to take it for a long time?
- ▶ Is escitalopram better than other antidepressants?
- ▶ What's the difference between escitalopram and citalopram?
- ► Will I gain or lose weight?

## 重要

ハーブ、ビタミン、サプリメントを含め、他の薬を飲んでいたら医師または薬剤師に伝えてください

- 9 一般的な質問
- エスシタロプラムはどのよう に作用するのか?
- いつ気分がよくなるのか?
- どのように感じるのか?
- ・どのくらいの期間飲むの か?(以下略)

- ► Can I drive or ride a bike?
- ► Will it affect my contraception?
- ► Will it affect my fertility?
- ► Will it affect my sex life?
- ► Can I drink alcohol with it?
- ▶ Is there any food or drink I need to avoid?
- ▶ Are there other treatments that will help?
- ► Will recreational drugs affect it?

#### **Related conditions**

- Clinical depression
- Generalised anxiety disorder in adults
- Obsessive compulsive disorder (OCD)
- Panic disorder

- ・自動車やバイクの運転はできるのか?
- 避妊薬に影響があるのか?
- 妊娠に影響があるのか?
- 性生活に影響があるのか?
- お酒を飲んでもよいのか?
- 避けたほうがよい食べ物や飲み物はあるのか?
- ・他に治療法はあるのか?
- レクリエーション薬は影響するのか?

## 関連する病気

- 臨床的うつ
- •成人の全般性不安障害
- •強迫性障害
- ・パニック障害

#### **Useful resources**

- Antidepressants: videos of real stories
- Depression Alliance: charity
- <u>Depression UK: charity</u>
- Depression: videos of real stories
- Escitalopram: forums
- Mind: charity
- Samaritans: charity for help and support

有用な情報源

- ・抗うつ薬:リアルストーリーのビデオ
- ■Depression Alliance:チャリティー団体
- •Depression UK: チャリティー団体
- ・うつ病:リアルストーリーのビデオ
- ・エスシタロプラム:フォーラム
- Mind: チャリティー団体
- Samaritans: 支援のチャリティー団体

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# Implicit assumption 暗黙の考え

## Common question:

How effective is this drug likely to be for my condition?

この薬は私の病気にどのくらい効くの?













## Lexapro

Lexapro for Major Depression

OVERVIEW

**TRIALS** 

SIDE EFFECTS LIFESTYLE CHANGES

Benefits and Side Effects Seen in Drug Approval Trials

## 成人のうつ病に対するレクサプロvsプラセボ

## Lexapro vs. Placebo for major depression in adults

FDA reviewed one main trial done in the U.S. and one supportive trial in Europe for major depression which tested set doses. Data are from the main U.S. trial. People were randomized to either Lexapro 20mg, Lexapro 10mg, Citalopram (Celexa) 40mg or Placebo. The data below are only for Lexapro 10mg (the recommended dose) vs Placebo. While FDA approved Lexapro 20mg, this higher dose was not more effective than 10mg.

## 臨床試験の対象者は?

## Who was in the trial?



#### **PATIENTS**

251 adults 65% women

#### AGE

18 - 65 years average 40 years

#### **CONDITIONS**

#### Major depression

Average MADRS score of 29 and average HAM-D score of 25 Severity: Average time with depression 11 years

## ランダム化試験

## Randomized Trial





## Benefits

		LEXAPRO 10mg once a day	PLACEBO No drug	LEXAPRO vs. PLACEBO
うつが軽減? ・うつ病尺度の変化 (0-60)	Change in depression - on a scale from 0 [no depression] to 60 [severe depression]	13 points less depressed	9 points less depressed	4 points less depressed on the 61- point scale
•うつ病尺度の点数 (0-60)	Depression score - on a scale from 0 [no depression] to 60 [severe depression]	depression")	20 points ("Moderate depression")	LEXAPRO helped 4 points less depressed on the 61- point scale
•うつ病尺度の変化 (0-76)	Change in depression - on a scale from 0 [no depression] to 76 [severe depression]	11 points less depressed	8 points less depressed	LEXAPRO helped*  3 points less depressed on the 77- point scale
・うつ病尺度の点数 (0-76)	Depression score - on a scale from 0 [no depression] to 76 [severe depression]		17 points	LEXAPRO helped* 3 points less depressed on the 77- point scale

## 患者の評価

Not measured

測定されていない

医師の評価 ・うつ病重症度 の変化(1-7)



Change in depression severity - on a scale from 1 [normal] to 7 [most severe]

1.3 points less severe

0.8 points less severe

LEXAPRO helped\*

0.5 points less severe on the 7-point scale

うつ病重症度 (1-7)



Depression severity on a scale from 1 [normal] to 7 [most severe]

2.9 points (Between "borderline" and "mildly ill") 3.4 points (Between "mildly ill" and "moderately ill") LEXAPRO helped\*
0.5 points less severe on the 7-point scale

Benefit data are from the trial SCT-MD-01 in the FDA review (NDA#021323-S000). \*This conclusion is not included in the FDA-approved package insert (which may be based on other criteria or analyses).

## Side Effects 副作用

**PLACEBO** LEXAPRO vs. PLACEBO **LEXAPRO** 10mg once a day No drug Suicidal thoughts and **Black Box Warning - FDA's** LEXAPRO - like all attempts in children, anti-depressants most serious alert teenagers, and young can increase suicidal adults thoughts and 最も重篤 attempts in adolescents and 小児、十代、若者 young adults: For の自殺企図 every 1,000 adolescents taking antidepressants, 14 more will become suicidal than if they took placebo. In young adults, those numbers are 5 in 1,000. Manic episodes 0.1% 0% Extra 0.1% of people **Serious** had activation of (abnormally elevated mood or mania or hypomania hyperactivity) in from LEXAPRO people treated for depression or other mood disorders in the past 躁エピソード

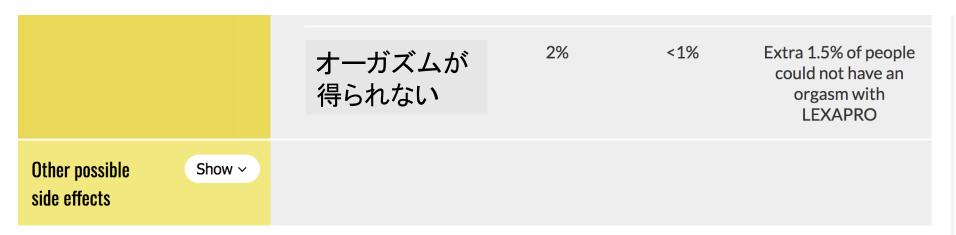
	Angle-closure glaucoma	閉塞隅角緑内障	Data not reported
	Easy bruising and bleeding (which can be serious)	内出血、出血	Data not reported
	Low sodium levels	低ナトリウム	Data not reported
	Seizure	てんかん	Data not reported
	May cause a life- threatening condition (Serotonin syndrome)	生命にかかわる病気	Data not reported

Most common symptom side effects highlighted by FDA



FDAにより強 調されたよく ある有症状 副作用

)	オーガズ ムの遅れ	9%	<1%	Extra 8.5% of people had delayed orgasm, lack of interest in sex, or problems having an erection with LEXAPRO
	悪心	15%	7%	Extra 8% of people had nausea with LEXAPRO
	不眠	9%	4%	Extra 5% of people had insomnia with LEXAPRO
	眠気	6%	2%	Extra 4% of people had drowsiness with LEXAPRO
	疲労	5%	2%	Extra 3% of people had fatigue with LEXAPRO
	多汗	5%	2%	Extra 3% of people had increased sweating with LEXAPRO
	性衝動の 減少	3%	1%	Extra 2% of people had a decreased desire for sex with



Serious and symptom side effects are from all placebo-controlled trials of Lexapro for major depressive disorder involving 1,307 people in FDA-approved package insert (October 2014). Could not have an orgasm data is from all placebo-controlled trials of LEXAPRO involving 894 women in the FDA-approved insert (October 2014). Black Box Warning side effect is from 319 pooled anti-depressant drug trials involving 81,400 people in the FDA-approved insert (October 2014).

ARTICLE

Drug Fact Boxを用いて薬の益と害を示す:2つのRCT

## Using a Drug Facts Box to Communicate Drug Benefits and Harms

**Two Randomized Trials** 

Lisa M. Schwartz, MD, MS; Steven Woloshin, MD, MS; and H. Gilbert Welch, MD, MPH

現在、米国の一般市民は、処方薬の有効性と副作用に関して、 入手可能で正確な情報を欠いている。その代わりに、人々は新 製品に対する熱狂を生み出すように作られた何十億ドルものマ ーケティング手法にさらされており、押しつけがましいマーケティ ング手法や情報の選択的な提示に対して脆弱なままである。対 照群が薬の益を劇的に過大評価したことは驚くにあたらない。わ れわれの研究によると、ドラッグファクトボックスは、消費者が薬 剤の効きめを評価し、現在の症状に対するよりよい薬剤の選択 をもたらし、予防目的の投薬における益の過大評価を修正した。

Schwartz LM, Woloshin S, Welch HG. Using a Drug Facts Box to Communicate Drug Benefits and Harms: Two Randomized Trials *Ann Intern Med.* 2009;150:516-527

## FDAのリスクコミュニケーション諮問委員会および議会は、 FDAに「Drug Fact Box」の実施を検討するよう求めた。残念な がら、FDAはエビデンスを検討するためにさらに3~5年が必要 だと言った。その潜在的な公衆衛生上のインパクトを考えると 、医師と一般市民はより良い医薬品情報を得るためにそれほ ど長く待つ必要はないはずだ。今すぐアクセスできるようにす べきだ。

Schwartz LM, Woloshin S. The Drug Facts Box: Improving the communication of prescription drug information. *Proc Natl Acad Sci USA*. 110 Suppl 3:14069-74, 2013 Aug 20.

実際、FDA自身の「エビデンスに基づくユーザー・コミュニケーション・ガイド」には、「治療の選択肢に関連するリスクと利益の数値的推定値を患者に提供することが不可欠だ」と書かれている。もしFDAが、FDAが承認する薬について知っていることと知らないことを明確かつ簡潔に伝えることができないなら、別の独立した団体が彼らのためにそれをすべき時である。

Schwartz LM, Woloshin S. The Drug Facts Box: Improving the communication of prescription drug information. *Proc Natl Acad Sci USA*. 110 Suppl 3:14069-74, 2013 Aug 20.