

Risk Catalog



KBB Medic

Version 1.0

1. Risk Matrise

Often	Medium risk	High risk	High risk	Extreme risk	Extreme risk
Occasional	Medium risk	Medium risk	High risk	High risk	Extreme risk
Remote	Low risk	Medium risk	Medium risk	High risk	High risk
Seldom	Low risk	Low risk	Medium risk	Medium risk	High risk
Unlikely	Insignificant	Low risk	Low risk	Medium risk	Medium risk
Probability / Severity	Negligible	Marginal	Significant	Critical	Catastrophic

2. Risk Katalog

All scenarios

Ref	Description	Expected annual loss (NOK)	Risk exposure	Locations	Current level
1691	The product provides decision support systems for medical doctors based on their assessment input. There exists a risk that the wrong result is given as an output.	500 000	Health and safety exposure	All Locations	High risk
1692	A claim due to a wrong treatment based on the product.	200 000	General liability exposure	All Locations	Medium risk
1693	Expected sales	1 500 000	Marketing and product management exposure	All Locations	High risk
1694	Key personell leaving the company	600 000	Personnel and human capital exposure	All Locations	Medium risk
1695	Server problems	52 000	IT and Electronic exposure	All Locations	Medium risk
1696	Customers claims bankruptcy	200 000	Credit exposure	All Locations	Medium risk
1697	Use of product leads to breach of intellectual property	10 000	Intellectual property exposure	All Locations	Medium risk
1707	Bruk av feil tallkode	0	Health and safety exposure	All Locations	Low risk
1708	Pasientdata kommer på avveie	0	Health and safety exposure	All Locations	Low risk
1704	Feiltolkning av retningslinjer.	0	Health and safety exposure	All Locations	Medium risk
1705	Utydelig disclaimer	0	Health and safety exposure	All Locations	Medium risk
1706	Bruker plotter inn feil verdier	0	Business interruption and net income exposure	All Locations	Low risk

HEALTH AND SAFETY EXPOSURE

Reference number: 1691

Created: 2021-04-29 - Owner: Eivind Helland

Involved locations: ALL LOCATIONS

Description:

The product provides decision support systems for medical doctors based on their assessment input. There exists a risk that the wrong result is given as an output.

Potential causes and triggers:

The tool transforms the input to a wrong or false clinical result and treatment based on outdated guidelines or wrong models or bugs in the software not detected by the Quality System.

Current control / Quality of control:

Level:

Description:

Potential impact:

A wrong treatment could in severe cases lead to a patient's disability and in worst case death.

Potential effect:

Hazard

Current probability	Current severity	Current risk level
Every ten years	Catastrophic	High risk

Locations	Loss estimate (NOK)	Net income loss	Expected annual loss (NOK)
All Locations	10 000 000	0	500 000

RISK TREATMENT ACTIONS

Recommendations	Status	NPV (NOK)	Expected annual benefit (NOK)	Target risk level
Apply Quality System	ASSIGNED	420 696	150 000	Medium risk

GENERAL LIABILITY EXPOSURE

Reference number: 1692

Created: 2021-04-29 - Owner: Eivind Helland

Involved locations: ALL LOCATIONS

Description:

A claim due to a wrong treatment based on the product.

Potential causes and triggers:

Third parties' patients suffer from illness or leads to casualty.

Current control / Quality of control:

Level:

Description:

Potential impact:

A large liability claim from a larger group of medical doctors using the product.

Potential effect:

Hazard

Current probability	Current severity	Current risk level
Every 100 years	Catastrophic	Medium risk

Locations	Loss estimate (NOK)	Net income loss	Expected annual loss (NOK)
All Locations	20 000 000	0	200 000

RISK TREATMENT ACTIONS

Recommendations	Status	NPV (NOK)	Expected annual benefit (NOK)	Target risk level
Removal or limitation of tort liability	ASSIGNED	45 238	100 000	Low risk

MARKETING AND PRODUCT MANAGEMENT EXPOSURE

Reference number: 1693

Created: 2021-04-29 - Owner: Eivind Helland

Involved locations: ALL LOCATIONS

Description:

Expected sales

Potential causes and triggers:

No budget for marketing

Current control / Quality of control:

Level:

Description:

Potential impact:

No development in income

Potential effect:

Speculative

Current probability	Current severity	Current risk level
Yearly	Critical	High risk

Locations	Loss estimate (NOK)	Net income loss	Expected annual loss (NOK)
All Locations	1 500 000	0	1 500 000

RISK TREATMENT ACTIONS

Recommendations	Status	NPV (NOK)	Expected annual benefit (NOK)	Target risk level
Added marketing budget	ASSIGNED	93 366 578	7 500 000	Low risk

PERSONNEL AND HUMAN CAPITAL EXPOSURE

Reference number: 1694

Created: 2021-04-29 - Owner: Eivind Helland

Involved locations: ALL LOCATIONS

Description:

Key personell leaving the company

Potential causes and triggers:

XX

Current control / Quality of control:

Level:

Description:

Potential impact:

XX

Potential effect:

Hazard

Current probability	Current severity	Current risk level
Every ten years	Critical	Medium risk

Locations	Loss estimate (NOK)	Net income loss	Expected annual loss (NOK)
All Locations	2 000 000	0	600 000

RISK TREATMENT ACTIONS

Recommendations	Status	NPV (NOK)	Expected annual benefit (NOK)	Target risk level
Knowledge transfer plan	ASSIGNED	428 571	450 000	Low risk

IT AND ELECTRONIC EXPOSURE

Reference number: 1695

Created: 2021-04-29 - Owner: Eivind Helland

Involved locations: ALL LOCATIONS

Description:

Server problems

Potential causes and triggers:

XX

Current control / Quality of control:

Level:

Description:

Potential impact:

XX

Potential effect:

Hazard

Current probability	Current severity	Current risk level
Weekly	Negligible	Medium risk

Locations	Loss estimate (NOK)	Net income loss	Expected annual loss (NOK)
All Locations	1 000	0	52 000

NO RISK TREATMENT ACTIONS

CREDIT EXPOSURE

Reference number: 1696

Created: 2021-04-29 - Owner: Eivind Helland

Involved locations: ALL LOCATIONS

Description:

Customers claims bankruptcy

Potential causes and triggers:

Clients not able to pay outstanding bills

Current control / Quality of control:

Level:

Description:

Potential impact:

Outstanding receivables not paid to KBB

Potential effect:

Hazard

Current probability	Current severity	Current risk level
Yearly	Significant	Medium risk

Locations	Loss estimate (NOK)	Net income loss	Expected annual loss (NOK)
All Locations	200 000	0	200 000

RISK TREATMENT ACTIONS

Recommendations	Status	NPV (NOK)	Expected annual benefit (NOK)	Target risk level
Credit risk prevention	ASSIGNED	128 096	145 000	Low risk

INTELLECTUAL PROPERTY EXPOSURE

Reference number: 1697

Created: 2021-04-29 - Owner: Eivind Helland

Involved locations: ALL LOCATIONS

Description:

Use of product leads to breach of intellectual property

Potential causes and triggers:

xx

Current control / Quality of control:

Level:

Description:

Potential impact:

tbd

Potential effect:

Hazard

Current probability	Current severity	Current risk level
Every ten years	Critical	Medium risk

Locations	Loss estimate (NOK)	Net income loss	Expected annual loss (NOK)
All Locations	100 000	0	10 000

NO RISK TREATMENT ACTIONS

HEALTH AND SAFETY EXPOSURE

Reference number: 1707

Created: 2021-07-08 - Owner: Kjell Garatun-Tjeldstø-Tjeldstø

Involved locations: ALL LOCATIONS

Description:

Bruk av feil tallkode

Potential causes and triggers:

Bruk av feil tallkode ved oppfølging som kan gi feil resultat

Current control / Quality of control:

Level:

Description:

Potential impact:

Skulle legen forveksle kodene kan pasienten få tildelt en annen behandlingsgruppe. Dersom pasienten måtte bytte behandling og lære seg nye inhalatorer, kan dette oppfattes som besværlig og gi suboptimalt, men har lite påvirkning på selve prognosen.

Potential effect:

Hazard

Current probability	Current severity	Current risk level
Every ten years	Marginal	Low risk

Locations	Loss estimate (NOK)	Net income loss	Expected annual loss (NOK)
All Locations	0	0	0

NO RISK TREATMENT ACTIONS

HEALTH AND SAFETY EXPOSURE

Reference number: 1708

Created: 2021-07-08 - Owner: Kjell Garatun-Tjeldstø-Tjeldstø

Involved locations: ALL LOCATIONS

Description:

Pasientdata kommer på avveie

Potential causes and triggers:

Kode som kobler pasient til data oppbevares i legens journal. For at dette skal skje må legens journal eller tilgang til denne komme på avveie.

Current control / Quality of control:

Level:

Description:

Potential impact:

Dette ville være et svært alvorlig brudd på loven om sikker omgang med pasientdata .

Potential effect:

Hazard

Current probability	Current severity	Current risk level
Every 100 years	Significant	Low risk

Locations	Loss estimate (NOK)	Net income loss	Expected annual loss (NOK)
All Locations	0	0	0

NO RISK TREATMENT ACTIONS

HEALTH AND SAFETY EXPOSURE

Reference number: 1704

Created: 2021-07-08 - Owner: Kjell Garatun-Tjeldstø-Tjeldstø

Involved locations: ALL LOCATIONS

Description:

Feiltolkning av retningslinjer.

Potential causes and triggers:

Kan de internasjonale GOLD-retningslinjene, som utgis på engelsk , oversettes/tolkes feil slik at Kalkulatoren spør feil spørsmål og gir feil svar?

Current control / Quality of control:

Level:

Description:

Potential impact:

Kols er en kronisk lungesykdom og ingen ting kan hindre sykdomsutviklingen. Feil diagnose vil påvirke prognosen i liten grad. Feil diagnose kunne blitt til en forbigående psykisk påkjenning, men heller ikke dette påvirker prognosen.

Potential effect:

Hazard

Current probability	Current severity	Current risk level
Yearly	Marginal	Medium risk

Locations	Loss estimate (NOK)	Net income loss	Expected annual loss (NOK)
All Locations	0	0	0

NO RISK TREATMENT ACTIONS

HEALTH AND SAFETY EXPOSURE

Reference number: 1705

Created: 2021-07-08 - Owner: Kjell Garatun-Tjeldstø-Tjeldstø

Involved locations: ALL LOCATIONS

Description:

Utydelig disclaimer

Potential causes and triggers:

at vi ikke tar nødvendige forbehold for bruk og blir holdt ansvarlige for feil som bruker genererer.

Noen utenlandske advokater ser etter muligheter for å saksøke for profittens skyld.

Current control / Quality of control:

Level:

Description:

Potential impact:

Firmaet kan bli påført utgifter til advokathjelp, og vi kan måtte bruke unødvendig tid på rettsmøter. Dersom klager når frem med sine krav kan det bety at et søksmål vil belaste KBB Medic økonomisk på en slik måte at videre drift blir umulig.

Potential effect:

Hazard

Current probability	Current severity	Current risk level
Every ten years	Critical	Medium risk

Locations	Loss estimate (NOK)	Net income loss	Expected annual loss (NOK)
All Locations	0	0	0

RISK TREATMENT ACTIONS

Recommendations	Status	NPV (NOK)	Expected annual benefit (NOK)	Target risk level
Budsjettere med ressurser til advokathjelp	ASSIGNED	0	0	Medium risk

BUSINESS INTERRUPTION AND NET INCOME EXPOSURE

Reference number: 1706

Created: 2021-07-08 - Owner: Kjell Garatun-Tjeldstø-Tjeldstø

Involved locations: ALL LOCATIONS

Description:

Bruker plotter inn feil verdier

Potential causes and triggers:

Bruker plotter inn feil verdier som feks. feil alder , kjønn eller feil etnisk gruppe

Current control / Quality of control:

Level:

Description:

Potential impact:

konsekvensen vil bli liten. Dersom man plotter feil pustepøver eller feil symptomer kan både diagnose, oppfølging og medikamentvalg bli feil. Diagnose og behandling kan bli suboptimal, men med stor sannsynlighet blir dette korrigert ved neste kontroll.

Potential effect:

Hazard

Current probability	Current severity	Current risk level
Yearly	Negligible	Low risk

Locations	Loss estimate (NOK)	Net income loss	Expected annual loss (NOK)
All Locations	0	0	0

NO RISK TREATMENT ACTIONS